

PROTANDIM[®]

nad+ synergizer[™]

DO MORE, AGE LESS

NPN 80123857

product information sheet



Brighter Today, Healthier Tomorrow

Imagine your body's defenses powered by a rechargeable battery, always ready to counter the effects of oxidative stress. At the heart of this protective system lie NAD and sirtuins. When oxidative stress occurs, it can rapidly deplete NAD, a vital coenzyme for energy and the function of sirtuins, proteins responsible for DNA repair and stress responses. As we grow older, this NAD depletion hampers cellular health. Protandim NAD+ Synergizer intervenes with a potent blend that can help maintain overall cellular health and vitality.

Fuel Your Cells with Powerful Ingredients



***Theobroma cacao* (Cocoa)**—ancient cultures once believed cocoa was of divine origin. Today we know the antioxidant-rich cocoa bean contains many beneficial phytonutrients and active compounds.



***Raphanus sativus* (Radish)**—radish belongs to the Brassicaceae family of cruciferous vegetables. Its health benefits come from active compounds including glucosinolates, isothiocyanates, and polyphenols.



***Olea europaea* (Olive)**—a staple of the Mediterranean diet, this extract contains concentrated nutrients from olive trees and powerful antioxidant polyphenols.



Niacin (vitamin B3) and copper—special combination of copper and niacin, also known as vitamin B3, it contains a precursor for NAD synthesis.



Fueling Life's Rhythms

NAD, essential in our body, plays a pivotal role not just in transferring energy from one cell to another, but also in converting the energy we get from food into usable cellular energy. This vital coenzyme ensures our cells function optimally and safeguards our DNA against the damages that come with aging. As we age, not only does NAD production wane, but the demands for NAD also increase, further intensifying its decline. This decline can lead to reduced sirtuin function, which can negatively impact energy metabolism, escalate oxidative stress, and lead to damaged proteins. Taking a supplement like Protandim NAD+ Synergizer can be crucial. It doesn't supply NAD directly but offers support antioxidant activity, boost energy metabolism, foster tissue formation, and repair connective tissue, among other benefits.

The Little Engine that Could—Change Your Health

NAD, known more formally as nicotinamide adenine dinucleotide, is instrumental in cellular oxidation-reduction (redox) reactions. Its primary function? Accepting high-energy electrons and channeling them to the electron transport chain (ETC) for adenosine triphosphate (ATP) synthesis.[1] In simpler terms, NAD is the middleman—moving electrons from one molecule to another—driving reactions and metabolic processes vital for your body. Think of NAD as an empty taxi: ready to pick up a passenger from one cell and transport it to its next destination, another cell.

Every cell undergoes transformations over time. A significant contributor to this is constant exposure to free radicals. It is impossible to avoid this exposure because they come from the energy metabolism process, the food you eat, the air you breathe, stress, and environmental factors. However, that doesn't mean we're powerless. Certain proactive measures can help support your cellular health even as you get older.

As you advance in age, there's a noted dip in your cellular NAD levels, accompanied by a decline in sirtuin activity. Why does that matter? Sirtuins are pivotal in supporting your overall well-being.

It is important to note that NAD isn't just a one-trick pony. It's the linchpin of many cellular functions and tailors itself to varying metabolic requirements. From steering metabolic pathways, redox balance, ensuring DNA repair and more — NAD's potential roles are multifaceted.[3] All of these underlines its significance in promoting robust health and fostering normal growth and development.

So, increasing NAD and, ultimately, sirtuins in the body can support healthy aging as well as whole-body health. But what can you do to increase NAD in the body?

Engaging in a consistent exercise regimen has been demonstrated to spur NAD synthesis in both young and aging muscle tissue.[5] Also consuming a diet rich in vitamin B3, which is abundant in foods like beef, poultry, brown rice, legumes, seeds, etc., can be advantageous. These B3 variants swiftly convert to NAD, rejuvenating NAD levels across various cell compartments, including the mitochondria. NMN (Nicotinamide Mononucleotide) and NR (Nicotinamide Riboside), in particular, have shown promise in preclinical trials for their potent NAD-boosting prowess, effectively elevating NAD in various tissues.[6]

Lastly, supplementing with Protandim NAD+ Synergizer not only helps boost NAD levels in the body but also provides antioxidants to combat oxidative damage caused by free radicals, supporting overall well-being and health maintenance.

Benefits



Helps in energy metabolism



Provides vitamin B3, which is involved in NAD metabolism to support cellular health



Helps in tissue formation, including repair of connective tissue



Provides antioxidants to reduce the oxidative damage caused by free radicals



Supports the maintenance of good health and normal growth and development

Did You Know?

- By age 60 your NAD levels will be half of what they were when you were 40. [7]
- NAD plays a pivotal role in 2 parts of processing alcohol in the body—first by turning the alcohol into sugar and then to help that sugar turn into energy. [8]
- NAD helps regulate circadian rhythms, keeping them all in sync and working at their best. [9]
- NAD was first discovered in 1906 by Arthur Harden and William John Young while experimenting with the fermentation of yeast. [10]

Who Should Use Protandim NAD+ Synergizer™?

Protandim NAD+ Synergizer is great for those looking to take care of their overall health by boosting their cellular vitality. Protandim NAD+ Synergizer is specially crafted with ingredients to support cellular health and energy metabolism.

Protandim NAD+ Synergizer offers a smoother path, ideal for maintaining energy metabolism and strengthening cellular health.

Here's How it Works



Purchase: Make a one-time purchase or add Protandim NAD+ Synergizer to your monthly Subscription for more savings.



Take: Incorporate the Protandim NAD+ Synergizer into your daily routine by taking 2 capsules once a day.



Experience the Benefits: Support your daily whole-body health with Protandim NAD+ Synergizer.



Drug Facts

Drug Facts / Info-médicament

Medicinal ingredients / Ingrédients médicinaux (Per capsule / Par gélule) • *Theobroma cacao*/Fèves de cacao *Theobroma* (Cocoa) Seed/graine (35:1, 1237.43 mg Dry/sèche) 35.4 mg • Theobromine / Théobromine 35% *Raphanus sativus* (Radish) Root / Racine de *Raphanus sativus* (radis) 92.5 mg • *Olea europaea* (Olive) Fruit / Fruit d'*Olea europaea* (Olive) (35:1, 2625 mg Dry/sec) 75 mg • Niacin/Nicaine (Vitamin/ Vitamine B3, Nicotinic acid/acide nicotinique) 2 mg • Copper / Cuivre (Copper (II) gluconate / gluconate de cuivre (II)) 0.22 mg

Uses / Usages • A factor in the maintenance of good health and normal growth and development. Helps in energy metabolism and in tissue formation. / • Un élément essentiel au maintien d'une bonne santé, ainsi que d'une croissance et d'un développement normaux. Facilite le métabolisme énergétique et la formation de tissus.

Warnings / Mises en garde • Consult a health care practitioner prior to use if you are pregnant or breastfeeding. / • Consultez un professionnel de la santé avant de l'utiliser si vous êtes enceinte ou si vous allaitez.

Directions/Mode d'emploi • Adults: 2 capsules 1 time per day / **Adultes :** 2 gélules 1 fois par jour

Non-medicinal ingredients / Ingrédients non médicinaux: Rice flour, Silicon dioxide, Magnesium stearate, Hypromellose, Maltodextrin / farine de riz, dioxyde de silicium, stéarate de magnésium, hypromellose, maltodextrine

Questions? 877-682-6346

frequently asked questions

What does NAD mean?

NAD is the abbreviation for Nicotinamide Adenine Dinucleotide.

What does beyond NAD mean?

NAD is essential for sirtuin activity throughout the entire body, and sirtuin activity declines with age. Protandim® NAD+ Synergizer helps to activate NAD-dependent enzymes—a factor in the maintenance of good health and normal growth and development and more.

When do I take Protandim® NAD+ Synergizer™?

Adults should take 2 capsules daily. Do not take within 6 hours of bedtime.

Is this product safe to take with prescription medication?

Please consult your healthcare provider if you have any concerns of how prescriptions will combine with NAD+ Synergizer.

Can I use this product if I am pregnant or nursing?

We do not recommend this product if you are pregnant or nursing without first consulting with your healthcare provider.

Can children take this product?

No, we do not recommend this product for children. Our products are researched and developed for individuals 18 years-of-age and older.

Is this product tested?

Yes, exhaustive testing is performed in order to meet quality standards. We rigorously test every lot of products for identity, potency, microbial contamination, pesticides, and heavy metals, and physically audit manufacturing facilities and raw material suppliers.

Is Protandim® NAD+ Synergizer™ regulated by Health Canada?

NAD+ Synergizer is registered as a Natural Health Product with Health Canada under NPN 80123857.

What is the shelf life of Protandim® NAD+ Synergizer™?

The shelf life for Protandim NAD+ Synergizer is 2 years from the date of manufacture.



How is Protandim® NAD+ Synergizer™ manufactured?

The raw ingredients are tested, carefully weighed out, blended, and packed into capsules following strict Good Manufacturing Practices (GMP). Every lot of finished Protandim NAD+ Synergizer is tested for compliance to approved specifications in addition to receiving a final quality inspection following natural health product standards. Every lot must meet or exceed established finished product specifications before it can be released by Quality Assurance teams, both in the US and Canada.

Does the manufacturer of Protandim® NAD+ Synergizer™ process any allergens such as dairy, gluten, etc?

All Protandim NAD+ Synergizer manufacturers are required to maintain a strict allergen program to protect against any potential cross contamination of allergens. These facilities are frequently audited to ensure that the processes and protocols ensure the safety of the product. However, we encourage our customers to read product labels for any additional information and warnings.

Does Protandim® NAD+ Synergizer™ contain any animal byproducts and is Protandim® NAD+ Synergizer™ all natural?

Protandim NAD+ Synergizer is 100% vegetarian and is free from gluten, wheat, dairy, gelatin, and yeast. The ingredients in Protandim NAD+ Synergizer are naturally derived or bio-identical ingredients.

Are dyes or food colorings in Protandim® NAD+ Synergizer™?

No. There are no dyes or food colorings in Protandim NAD+ Synergizer.

Is it best to take Protandim® NAD+ Synergizer™ with or without food?

Some of the active ingredients in Protandim NAD+ Synergizer are fat soluble, so taking Protandim NAD+ Synergizer with a meal containing some fat allows the ingredients to be absorbed more efficiently (but it's not absolutely necessary).

Is Protandim® NAD+ Synergizer™ Vegetarian friendly?

Yes. Protandim NAD+ Synergizer is vegetarian.

Can my pet take Protandim® NAD+ Synergizer™?

No. We have not tested Protandim NAD+ Synergizer in pets and do not recommend giving it to your furry friends.

What kind of capsules are used for Protandim® NAD+ Synergizer™?

Protandim NAD+ Synergizer is made with vegetable-based capsules.

References:

- [1] <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7973386/>
- [2] <https://medlineplus.gov/ency/article/004012>
- [3] <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7963035/>
- [4] <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3946127/>
- [5] <https://www.sciencedirect.com/science/article/pii/S05315565230003>
- [6] <https://www.endocrinology.org/endocrinologist/135-spring20/>
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