

# Mitochondria-ATP

Supports cellular energy and mitochondrial health<sup>†</sup>

## INDICATIONS

- Ages 18 and up
- Mitochondrial health and cellular energy support<sup>†</sup>

## BENEFITS

- Supports healthy mitochondrial function<sup>†</sup>
- Enhances the production of ATP<sup>†</sup>
- Provides antioxidant support<sup>†</sup>

## FEATURES

- Offers a blend of nutrient cofactors to support mitochondrial function<sup>†</sup>
- Now with NMN (nicotinamide mononucleotide) to support NAD<sup>+</sup> and cellular function<sup>†</sup>
- Includes acetyl-L-carnitine and creatine to support ATP synthesis<sup>†</sup>
- Contains a blend of antioxidants to support cellular health<sup>†</sup>
- Made with high-quality ingredients backed by verifiable science

## VERIFIABLE SCIENCE

CoQ<sub>10</sub> is a component of the mitochondria and plays a key role in the synthesis of ATP. B vitamins are important cofactors needed to fuel the Krebs cycle, while optimal serum levels of magnesium are associated with healthy mitochondrial metabolism and nutrient transport.<sup>1</sup> Nicotinamide mononucleotide (NMN) is a unique form of vitamin B<sub>3</sub> that gets converted into nicotinamide adenine dinucleotide (NAD<sup>+</sup>). NAD<sup>+</sup> declines with age and plays an important role in energy production within the mitochondria and cellular repair.<sup>2</sup> Preliminary research suggests NMN supports synthesis of NAD<sup>+</sup> in tissues, supporting cellular function and longevity, energy metabolism, aerobic capacity and glucose homeostasis.<sup>3-5</sup> Acetyl-L-carnitine provides carnitine to transport long chain fatty acids into the mitochondria for energy as well as an acetyl group for the synthesis of the Krebs cycle precursor acetyl-CoA.<sup>6</sup> Highly pure creatine monohydrate helps enhance the production of the ATP by acting as a precursor. This formula provides antioxidant support with vitamins C and E, as well as resveratrol, alpha lipoic acid and N-acetyl-L-cysteine.<sup>7-9</sup> Antioxidants neutralize the free radicals

generated during energy production in the mitochondria. In a double-blind, placebo-controlled, crossover study, the combination of creatine, CoQ<sub>10</sub> and alpha lipoic acid supported energy production and antioxidant status within the mitochondria.<sup>10†</sup>

## SUGGESTED USE

As a dietary supplement, take 2 capsules, 2 times daily, with meals.

## STORAGE

Store in a cool, dry place.

## WARNING

If you are pregnant or lactating, have any health condition or are taking any medication, consult your health professional before use.

## SOURCE

- Vitamin C and riboflavin (B<sub>2</sub>) are derived from corn dextrose fermentation
- Vitamin E (d-alpha tocopherol succinate) is derived from soybean oil, processed and purified to contain no soy protein or isoflavones
- Thiamin HCl (B<sub>1</sub>), nicotinamide mononucleotide, acetyl-L-carnitine, N-acetyl-L-cysteine, alpha lipoic acid and creatine are synthetic
- Magnesium is derived from earthen ore
- Coenzyme Q<sub>10</sub> is produced by microbial (yeast) fermentation. There is no residual yeast in the final product
- Resveratrol extract is derived from *Polygonum cuspidatum* root and standardized to contain 50% trans resveratrol

## NOTES

Size 00 caps

Bottle count 120

Order code MATP31

Bottle size 290 cc

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## REFERENCES

1. Institute of Medicine. Washington (DC): National Academies Press (US); 1998. pg 27.
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6. Rosca MG, et al. *Adv Drug Deliv Rev.* 2009 Nov 30;61(14):1332-42.
7. Alessio HM, et al. *Int J Sport Nutr.* 1997 Mar;7(1):1-9.
8. Vidović B, et al. *Psychiatr Danub.* 2014 Sep;26(3):205-13.
9. Ghanim H, et al. *J Clin Endocrinol Metab.* 2010 Sep;95(9):E1-8.
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## SUPPLEMENT FACTS

Supplement Facts		
Serving size 2 capsules		
Servings per container 60		
	Amount Per Serving	%DV
Vitamin C (as ascorbic acid)	100 mg	111%
Vitamin E (as d-alpha tocopherol succinate)	17 mg	112%
Thiamin (as thiamin HCl) (B <sub>1</sub> )	10 mg	833%
Riboflavin (vitamin B <sub>2</sub> )	7.5 mg	577%
Magnesium (as magnesium citrate/malate)	50 mg	12%
β-Nicotinamide mononucleotide (NMN)	50 mg	*
Creatine monohydrate	375 mg	*
Acetyl-L-Carnitine (free-form)	250 mg	*
Trans-resveratrol (from Japanese knotweed ( <i>Polygonum cuspidatum</i> ) extract (root))	30 mg	*
N-Acetyl-L-Cysteine (free-form)	50 mg	*
Alpha lipoic acid (thioctic acid)	50 mg	*
Coenzyme Q <sub>10</sub>	30 mg	*

\*Daily value (DV) not established

Other ingredients: vegetarian capsule (cellulose, water)

 Kaneka Q<sub>10</sub>® is a U.S. registered trademark of Kaneka Corporation.

Visit [PureEncapsulationsPro.com](https://PureEncapsulationsPro.com) for more information about our GMO policy.

<sup>†</sup>These statements have not been evaluated by the Food and Drug Administration. This product is not intended to diagnose, treat, cure or prevent any disease.

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