

Opti-Nutrient Formulas by Dr. Brimhall

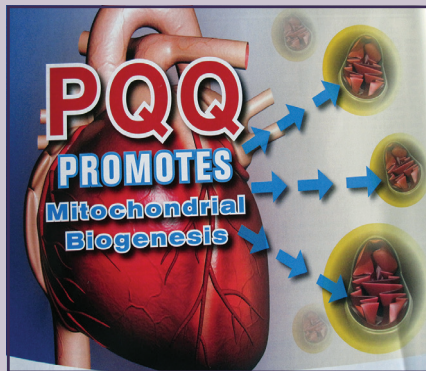
Opti-Mito-Force™

Supports Energy Production in the Mitochondria



Mitochondria are known as the powerhouses of the cell. They take in nutrients, break them down, and create energy for the cell. The process of creating cell energy is known as *cellular respiration*. Most of the chemical reactions involved in cellular respiration happen in the mitochondria.

Opti-Mito-Force contains organic whole food vitamins, minerals and herbs that promote optimal mitochondrial function.*



Mitochondrial support in this formula includes Dr Brimhall and OHS's own form of whole food "pyrroloquinoline quinone".

The latest advance in the area of mitochondrial bioenergetics is the coenzyme pyrroloquinoline quinone or PQQ.

PQQ's critical role across a range of biological functions has only gradually emerged. Like CoQ10, it is a micronutrient whose antioxidant capacity provides extraordinary defense against mitochondrial decay.

But the most exciting revelation on PQQ emerged early in 2010, when researchers found it not only protected mitochondria from oxidative damage—it stimulated growth of fresh mitochondria!

PQQ's exceptional stability allows it to carry out thousands of these electron transfers without undergoing molecular breakdown.

It has been proven especially effective in neutralizing the ubiquitous superoxide and hydroxyl radicals.

Pyrroloquinoline Quinone (PQQ)



According to the most recent research, "PQQ is 30 to 5,000 times more efficient in sustaining redox cycling (mitochondrial energy production) . . . than other common [antioxidant compounds], e.g. ascorbic acid."

A consistent finding in the scientific literature is that nutrients like PQQ provide more wide-ranging benefits than conventional antioxidants the general public relies on.



Please feel free to contact us at:

800-890-4547

Please see reverse for supplement facts

* This statement has not been evaluated by the FDA. This product is not intended to diagnose, treat, cure, or prevent any disease.



OPTI-MITO-FORCE™

Supports Energy Production in the Mitochondria

- ✓ Mitochondrial dysfunction has been definitively linked to virtually all killer diseases of aging, from Alzheimer's disease and type 2 diabetes to heart failure.
- ✓ Researchers have recorded evidence of greater mitochondrial damage in the brain cells of humans over 70 compared to those in their early 40s.
- ✓ Many scientists believe mitochondrial longevity determines overall longevity.
- ✓ A next-generation coenzyme is being introduced in Opti-Mito-Force called pyrroloquinoline quinone or PQQ that has been shown to induce mitochondrial biogenesis—the growth of new mitochondria in aging cells.
- ✓ While CoQ10 optimizes mitochondrial function, PQQ activates genes that govern mitochondrial reproduction, protection, and repair.
- ✓ PQQ also affords potent cardio protection and defense against neuronal (brain) degeneration.



The form of pyrroloquinoline quinone found in Opti-Mito-Force™ is called Opti-PQQ and is a special methylated form blended with the OHS cultured media.

In addition to producing energy, mitochondria may also play a part in controlling the amount of calcium that moves in and out of your cells. Each of your cells contains thousands of mitochondria, with the exact number being dependent upon the type of jobs that cell performs. Your muscle cells, for example, need a large supply of energy, and this means that they need a large number of mitochondria.

If your cells aren't getting the energy they need to survive, they can create more mitochondria. However, they can only do this if they have all the vitamins and minerals needed to perform this process. If you regularly participate in endurance sports such as marathon running or cycling, you'll need an especially substantial supply of energy. That's why it makes sense to provide your cells with all the vitamins and minerals they need to boost mitochondria levels. You may also want your cells to produce more mitochondria if you're trying to burn off excess body fat. You can give your cells the nutrients they need to make mitochondria by eating a well balanced diet.

Supplement Facts	
Serving Size: 1 Capsule	Servings Per Container: 60
Amount Per Serving	% Daily Value
Vitamin A (whole food cultured)††	1150 IU 23%
Vitamin C (whole food cultured)††	12 mg 20%
Vitamin E (whole food cultured)††	15 IU 50%
B1-Thiamine (whole food cultured)††	5 mg 333%
B2-Riboflavin (whole food cultured)††	500 mcg 34%
B3 Niacin (whole food cultured)††	5 mg 25%
B9-Folic acid (Folate) (whole food cultured)††	250 mcg 62%
Zinc (Zinc Bisglycinate Chelate)†	10 mcg <1%
Selenium (Selenium Glycinate Complex)†	70 mcg 100%
Copper (Copper Bisglycinate Chelate)†	25 mcg 100%
Manganese (Manganese Bisglycinate Chelate)†	10 mcg <1%
Phosphatidyl Choline	50 mg *
Grape Seed/Skin Extract (95% Proanthocyanidins)	40 mg *
Alpha Lipoic Acid	25 mg *
Curcuminoids (from turmeric root)	20 mg *
L-Cysteine	10 mg *
L-Carnitine	10 mg *
Pine Bark (50% Pycnogenol)	10 mg *
Opti-Blend™ Delivery System	5 mg *
Pyrroloquinoline Quinone - Opti-PQQ	2 mg *
Opti-SOD Precursor Blend	45 mcg *
Catalase	125 IU *

*Daily Value not established.

††PROPRIETARY WHOLE FOOD CULTURED MEDIA BLEND & OPTI-BLEND™ DELIVERY SYSTEM

ORGANIC VEGETABLE BLEND:

Yeast, Pea, Alfalfa Leaf, Non-Gluten Wheat & Barley Grass, Oat Grass, Spirulina, Chlorella, Broccoli, Kelp, Cabbage, Parsley, Kale, Dandelion Leaf, Dulse.

PLANT ENZYMES:

Amylase, Protease Blend, Peptizyme, Lipase, Invertase, Cellulase, Lactase, Maltase, HemiSEB.

ORGANIC FRUIT BLEND:

Apple, Prune, Black Currant, Pomegranate, Mango, Blueberry, Strawberry, Acai, Raspberry, Cranberry.

PROBIOTICS:

L. Plantarum, Lactobacillus Acidophilus, Bacillus Coagulans, Bifidobacterium Bifidus, B. Lactis, L. Bulgaricus, L. Salivarius, Enterococcus Faecium, Streptococcus Thermophilus.

For more information please feel free to contact us at:

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