NTFactor[®] Advanced Physicians Formula

B-Vitamin Plus

NTFactor® Advanced Physicians Formula combines patented NTFactor® with vitamin B complex and vitamin E, minerals, α-ketoglutarate, L-carnitine, and L-tyrosine. NTFactor® supports the structural vitality of the body's cellular and mitochondrial membranes, thereby supporting healthy energy, and the other nutrients synergize well with the NTFactor® cellular and mitochondrial membrane nutrition.*



#76680 150 tablets

Key Features

- Combines NTFactor[®] membrane food with B vitamins and other nutrients^{*}
- NTFactor[®] supports the structural vitality of the membranes in the body's cells and mitochondria, including normal membrane potential and ATP energy production^{*}
- No Ephedra, caffeine, sugar, or other stimulants



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The foundation of NTFactor® Advanced Physicians Formula is patented NTFactor®, a 3-part nutrient complex. The heart of NTFactor® is a proprietary blend of polyunsaturated phosphoglycolipids called NTFactor® EnergyLipids, which is extracted and prepared using proprietary processes. NTFactor® also contains freeze-dried Bifido and Lactobacillus friendly bacteria, and foods and nutrient extracts that may provide nutritional support (prebiotic activity) for the probiotics.

The proprietary phosphoglycolipids in NTFactor® are present in scientifically selected ratios of polyunsaturated phosphatidylcholine, glycolipids, and other polyunsaturated phosphatidyl nutrients, researched and blended to optimize cellular uptake and membrane utilization.* They have been validated in clinical studies to support healthy cell membrane and mitochondrial membrane structure and function, including normal membrane potential and enhancement of ATP energy production.*

NTFactor® Advanced Physicians Formula contains a high potency B complex, featuring the preferred methylcobalamin form of B12, and high amounts of biotin, folic acid, niacinamide and pantothenic acid. Alpha-ketoglutaric acid (AKG) is a compound in the Krebs cycle, crucial for energy production in the inner mitochondrial membrane.* It plays a role in the detoxification of ammonia to glutamine, and in reducing H2O2 to succinate, another compound of the Krebs cycle.* AKG also has antioxidative effects on reactive oxygen and nitrogen species.*

L-carnitine is synthesized in the liver, kidney, and brain, and utilized throughout the body, with high concentrations in skeletal and cardiac muscles. L-carnitine helps transport long-chain fatty acids across the inner mitochondrial membrane before beta-oxidation.* L-tyrosine is involved in protein synthesis, and is a precursor for the synthesis of the catecholamines epinephrine, norepinephrine and dopamine, the thyroid hormones thyroxine and triiodothyronine, and the pigment melanin.*

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NTFactor[®] Advanced Physicians Formula is rounded out with foundational nutrients including the antioxidant **vitamin E**, and macro-minerals **calcium** and **magnesium**. Patent #8,877,239.

Supplement Facts

Serving Size Servings Per Container		5 tablets 30
Amount Per Serving	% De	aily Value*
Vitamin E (d-Alpha Tocopheryl Succinate)	47 IU	157%
Vitamin B1 (as Thiamine HCl)	3.7 mg	248%
Vitamin B2 (as Riboflavin)	4 mg	235%
Niacin (as Niacinamide)	99 mg	495%
Vitamin B6 (as Pyridoxine HCl)	10 mg	500%
Folate (as Folic Acid)	800 hâ	200%
Vitamin B12 (as Methylcobalamin and Cyanocobald	amin) 1 mg	16667%
Biotin	750 µg	250%
Pantothenic Acid (as d-Calcium Pantothenate)	25 mg	250%
Calcium (as d-Calcium Pantothenate, Calcium Co Dicalcium Phosphate, Calcium Pyruvate)	arbonate, 398 mg	40%
Phosphorus (as Dicalcium Phosphate)	102 mg	10%
Magnesium (as Magnesium Oxide)	123 mg	31%
Alpha-Ketoglutaric acid	300 mg	t
Carnipure [®] L-Carnitine (as L-Carnitine L-tartrate)	225 mg	t
L-Tyrosine	150 mg	t
NTFactor [®] Blend proprietary formula containing:	4.0 g	†
Inulin, rice bran extract, NTFactor [®] EnergyLipids (my), OptiMSM [®] methylsulfonylmethane, FOS, bromelain, pantethine, inositol, Larginine, Laylxcine, taurine, dipha lipoic acid, ador-modified gartic, spirulina, leeks stem powder, beet root fiber, <i>B. bitdum, L. addphilus,</i> blackstrap molasses, sodium borate.		
* Percent Daily Values are based on a 2,000 calorie diet. † Daily value not established.		

Other ingredients: Microcrystalline cellulose, vegetable stearic acid, croscarmellose sodium, vegetable magnesium stearate, silicon dioxide, pharmaceutical glaze (purified water, hydroxypropyl methylcellulose, vegetable glycerin).

Suggested Use: As a dietary supplement, 5 tablets daily (3 in the morning and 2 in the early afternoon), or as directed by a healthcare practitioner.

NTFACTOR (Patent 8,877,239)

References:

Agadjanyan M, Vasilevko V, Ghochikyan A, Berns P, Kesslak P, Settineri R, Nicolson GL. Nutritional supplement (NTFactor) restores mitochondrial function and reduces moderately severe fatigue in aged subjects. J Chronic Fatigue Syndr 2003;11(3):23-26.

Nicolson GL, Ellithorpe R, Ayson-Mitchell C, Jacques B, Settineri R. Lipid Replacement Therapy with a Glycophospholipid-Antioxidant-Vitamin Formulation Significantly Reduces Fatigue Within One Week. J Am Nutraceut Assoc. 2010;13(1):10-14.

Nicolson GL, Ellithrope R. Lipid replacement and antioxidant nutritional therapy for restoring mitochondrial function and reducing fatigue in chronic fatigue syndrome and other fatiguing illnesses. J. Chronic Fatigue Syndr. 2006;13(1): 57-68.

Nicolson GL, Ellithorpe R, Settineri R. Blood homocysteine levels are significantly reduced with a glycophospholipid formulation (NTFactor® plus vitamin B-complex): a retrospective study in older subjects. Paper in Preparation.

Ellithorpe RA, Settineri R, Mitchell CA, Jacques B, Ellithorpe E, Nicolson GL. Lipid replacement therapy drink containing a glycophospholipid formulation rapidly and significantly reduces fatigue while improving energy and mental clarity. Funct Food Health Dis. 2011;1(8): 245-254.

Alfred Maier, M.D. The Impact of Preoperative Micronutrient Supplementation in Lung Surgery. A Prospective Randomized Trial of Oral Supplementation of Combined Alpha-Ketoglutaric Acid and

5-Hydroxymethylfurfural. Eur J Cardiothorac Surg, 2007 Nov;32(5):776-82. Epub 2007 Sep 4. 46255 (07/2008)

Natural Standard Professional Monograph, accessed 07/11/2012 (http://www. naturalstandard.com/databases/herbssupplements/acetyllcarnitine.asp). PDRhealth archive, accessed 7/11/2012 (http://web.archive.org/

web/20061127015145/http://www.pdrhealth.com/drug_info/nmdrugprofiles/ nutsupdrugs/tty_0256.shtml)

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