

Cardiovascular and Circulatory Health*

NATTOKINASE PRO™



*Nattokinase Pro™ was formulated to provide enzymatic support for promoting and maintaining a healthy circulatory system.**

Healthy circulation depends on proper blood clotting and appropriate formation of fibrin, a protein in the blood produced as a response to inflammation. Fibrin is essential to stop excess blood loss in the event of bodily trauma or injury. As the vascular system is triggered with increased inflammation, the body's inflammatory response is activated and fibrin is produced. Excessive cross-linked fibrin circulates through the bloodstream and may stick to the walls of blood vessels.

Nattokinase Pro™ employs a specialized approach to maintaining cardiovascular health.* While there are more than twenty enzymes in the body that assist in clotting the blood, there is only one capable of digesting clots (plasmin). The Nattokinase blend in Nattokinase Pro™ includes NSK-SD®, the only form of nattokinase that does not contain vitamin K2, to support healthy circulation by breaking down fibrin and increasing antioxidant activity.* Nattokinase NSK-SD®, sourced from the fermented soy bean product natto, has been the subject of 17 studies. Included in these scientific studies are two small clinical trials with results indicating a heightened ability to dissolve blood clots and promote healthy blood pressure.*^{1,2,3}

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- Nattokinase blend containing NSK-SD®
 - Promotes healthy circulation*
 - May help maintain already healthy levels of blood clotting factors within a healthy range*
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Early research of nattokinase was done by Dr. Hiroyuki Sumi, a researcher for the Japan Ministry of Education. He found that a part of the Japanese fermented soybean food known as natto exhibited strong fibrinolytic activity, meaning simply that it is effective in breaking down fibrin, a protein that is involved in clotting the blood.⁴ He named the enzyme responsible for this activity 'nattokinase'. Dr. Sumi later commented that nattokinase showed "a potency matched by no other enzyme."

Nattokinase Pro™ contains cellulase, amylase, protease and lipase Thera-blend™ enzymes. Thera-blend is an exclusive process that combines multiple strains of enzymes that work in specific pH levels, resulting in superior performance in the body.*

- 1 Sumi H, Hamada H, Nakanishi K, Hiratani H. Enhancement of the fibrinolytic activity in plasma by oral administration of nattokinase. *Acta Haematol* 1990;84(3):139-43.
- 2 Fujita, M., et al. Thrombolytic effect of Nattokinase on a chemically induced thrombosis model in rat. *Biol Pharm Bull* 1995;18(10):1387-91.
- 3 Ibaraki, T, Ibaraki, S. A Comprehensive Scientific Review of Nattokinase. Japan Bio Science Laboratory Co. Ltd.
- 4 Sumi, H. et al. "A novel fibrinolytic enzyme (nattokinase) in the vegetable cheese Natto; a typical and popular soybean food in the Japanese diet." *Experientia*. 1987 Oct 15;43(10):1110-1.

RECOMMENDED USE:

One capsule three times daily on an empty stomach, one hour before or two hours after a meal.

Consult a physician prior to use if you are pregnant or nursing.

Supplement Facts

Serving Size: 1 Capsule
Servings Per Container: 60

Amount Per Serving		%DV†
Calcium (from Calcium Citrate)	14 mg	1%
Magnesium (from Magnesium Citrate)	0.04 mg	<1%
Bromelain	96 GDU	**
Nattokinase blend w/NSK-SD®	4,000 FU	**
Amylase <i>Thera-blend™</i>	3,600DU	**
Protease <i>Thera-blend™</i>	16,000HUT	**
Cellulase <i>Thera-blend™</i>	1,000CU	**
Glucoamylase	40 AGU	**
Lipase <i>Thera-blend™</i>	685 FCCFIP	**

** Daily Value not established

†Percent Daily Values are based on a 2,000 calorie diet

OTHER INGREDIENTS: 100% Vegetarian Capsule (cellulose, water)

CONTAINS NO egg, dairy, preservatives, salt, sucrose, soy, wheat, yeast, nuts, corn, gluten, casein, potato, rice, artificial colors or flavors.

* 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.

*Enzyme Science™ utilizes proven ingredients for maximum benefit**

Amylase Thera-blend™/Cellulase Thera-blend™/Glucoamylase
Specialized blend of enzymes synergistically designed to also support cardiovascular and circulatory health working alongside the proteases in the formula.*

Bromelain

A proteolytic enzyme extracted from pineapple. A long history of research has shown this enzyme to be very supportive for cardiovascular health.*

Taussig, S.J., et al., (1988). "Bromelain, the enzyme complex of pineapple (*Ananas comosus*) and its clinical application, an update". *J. ethnopharmacol* 22:191

Calcium (Calcium Citrate)

An essential mineral, calcium is added as a buffer to Protease Thera-blend™.

Lipase Thera-blend™

Lipase Thera-blend™ contains multiple strains of lipase enzymes for catalyzing lipids to form fatty acids and glycerol.

Hall, D.A., et al., (1982). "the effect of enzyme therapy on plasma lipid levels in the elderly". *Arteriosklerosis* 43:209.

Magnesium (from Magnesium Citrate)

An essential mineral, magnesium is added with calcium as a buffer to Protease Thera-blend™.

Nattokinase Blend with NSK-SD®

Numerous published studies have shown that nattokinase promotes healthy blood clotting and normal blood viscosity.*

Sumi, H. et al. (1990). Enhancement of the fibrinolytic activity in plasma by oral administration of nattokinase. *Acta Haematol.* 84(3), 139-43.

Protease Thera-blend™

Contains multiple strains of protease for digesting proteins. Research has indicated that oral proteases bound to alpha-II macroglobulin are capable of digesting protein.

Larsson, L.J., et al. (1988). Properties of the complex between alpha 2-macroglobulin and brinase, a proteinase from *aspergillus oryzae* with thrombolytic effect. *Thromb Res.*, 49(1), 55-68.

