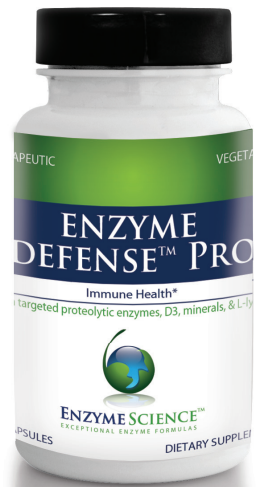


Immune Health\*

# ENZYME DEFENSE™ PRO



*Enzyme Defense™ Pro offers a synergistic blend of therapeutic proteolytic enzymes to support healthy immune function and cardiovascular wellness.\**

Maintaining an adequate immune system to elicit a healthy immune response is essential. Enzyme Defense Pro contains a high-potency proteolytic enzyme blend formulated with vitamin D3, L-lysine, and minerals to support and promote healthy immune function.\*

Enzymes are responsible for catalyzing and regulating biochemical reactions that occur within the human body. Specifically, enzymes are highly involved in regulating the body's digestive and metabolic processes, thus making them essential for cellular function and overall wellness. In particular, proteolytic enzymes, also known as proteases, are responsible for supporting digestion and metabolism by breaking down protein. Supplemental proteolytic enzymes have an established history of use for supporting immunity and promoting general well-being.\*

Supplemental proteases administered orally on an empty stomach have been shown to be absorbed and carried into the bloodstream. While in the bloodstream, proteases bind to alpha-II macroglobulin (A2M). As a complex, the bound protease circulates through the body to become part of the immune system. The protease functions therapeutically by promoting cellular repair and recovery in addition to encouraging a healthy inflammatory response.\*

- High-potency proteolytic enzymes
- Critical support for immune health\*
- Nattokinase NSK-SD® blend with Serratiopeptidase for vascular and circulatory health\*
- Includes Vitamin D3 and L-lysine



**ENZYME SCIENCE™**  
EXCEPTIONAL ENZYME FORMULAS

\* 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 Defense Pro offers a synergistic blend of therapeutic proteolytic enzymes to support healthy immune function and cardiovascular wellness.\* Enzyme Defense Pro contains the enzymes nattokinase, serratiopeptidase, catalase and Mucolase™. Scientific evidence shows the proteolytic enzymes nattokinase and serratiopeptidase support healthy circulation and speed recovery.\*<sup>1, 2, 3</sup> These proteases may also stimulate phagocytes (cells that ingest foreign particles and debris) and accelerate elimination by way of the lymphatic system.\*<sup>4</sup>

Nattokinase NSK-SD® has been known to support healthy circulation due to its high fibrinolytic (breaks down fibrin) and antioxidant activity.\* Similarly, serratiopeptidase works to support vascular health through improved circulation tissue repair.\* Mucolase is a protein digesting enzyme targeted to break down excess mucus.\* Mucolase offers natural, non-drowsy support for occasional congestion.\*

Enzyme Defense Pro also includes Vitamin D3, well-studied for its support of healthy cardiovascular function and immunity.<sup>5</sup> Considered the natural form of vitamin D, D3 is also synthesized in the skin in response to exposure to the sun's ultraviolet rays. Supplementation is encouraged to promote seasonal well-being.\*

Critical to the synergy of the Enzyme Defense Pro formula is the addition of L-lysine, an essential amino acid that must be obtained from food and supplements. Lysine, a building block for proteins, plays an important role in maintaining proper growth and repair. Lysine supports seasonal wellness and a healthy immune response.\*

- 1 Sumi, H., Hamada, H., Nakanishi, K. and 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 Bhansali, R.M. Clinical Trial Reports: "Anti-inflammatory oral enzyme."
- 4 Burke, E., "Proteolytic Enzymes Improve Injury Healing." *Avery's Sports Nutrition Almanac*. P.111-12
- 5 Holick, M.F. (2011). "Vitamin d: evolutionary, physiological and health perspectives." *Curr Drug Targets*, 12(1), 4-18.

Supplement Facts		
Serving Size: 1 Capsule		
Servings Per Container: 60		
Amount Per Serving		%DV†
Vitamin D3 (as Cholecalciferol)	1,000 IU	250%
Calcium (from Coral Calcium)	23 mg	2%
Magnesium (from Coral Calcium)	0.1 mg	<1%
Protease Thera-blend™	350,000 HUT	**
Catalase	100 Baker	**
Nattokinase blend w/ NSK-SD®	800 FU	**
Serratiopeptidase	50,000 SPU	**
Mucolase™	16 mg	**
L-lysine	10 mg	**

\*\* Daily Value not established  
† Percent Daily Values are based on a 2,000 calorie diet

### RECOMMENDED USAGE:

Take 1 capsule per day on an empty stomach  
1/2 hour before or 2 hours after a meal.  
More may be taken as recommended  
by your healthcare practitioner.  
*Consult a physician if pregnant or lactating.*

**OTHER INGREDIENTS:** 100% Vegetarian Capsule (cellulose, water)  
**CONTAINS NO:** Dairy, preservatives, salt, sucrose, soy, wheat, yeast, nuts, corn, gluten, casein, potato, rice, artificial colors or flavors.

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

**Vitamin D3** is an essential nutrient that plays a major role in your immune response.

*Aranow, C. (2011). "Vitamin D and the immune System." J Investig Med, 59(6), 881-886.*

**Minerals** are required to activate thousands of enzyme reactions within the body.

**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 supporting the immune system.

*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.*

**Catalase** exhibits powerful antioxidant properties and is essential for the body. This enzyme neutralizes harmful free radicals.

**Nattokinase Blend** Many published studies have shown that nattokinase promotes healthy blood clotting and normal blood viscosity.\* Nattokinase produces a prolonged action in two ways: it prevents inappropriate coagulation of blood and it breaks down existing thrombus.\*

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

**Serratiopeptidase** is a proteolytic enzyme also known as Serrapeptase.

*Bhagat, S. "Serratiopeptidase: A systematic review of the existing evidence." International Journal of Surgery, 11, 209-2172, 2013.*

**Mucolase™** is a unique proteolytic enzyme that exhibits mucolytic properties. This protease targets and digests proteins and digests inappropriate or excess mucus.\*

**L-lysine** is an essential amino acid and that must be obtained from food and supplements.



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