

Vegetarian Protezyme Forte

Natural Non-Animal Proteolytic Enzymes to Support Healthy Inflammatory Processes

DESCRIPTION

Vegetarian Protezyme Forte, provided by Douglas Laboratories®, is a synergistic blend of several proteolytic enzymes designed to support the body's normal inflammatory and healing processes.* The enzymes present in Vegetarian Protezyme Forte are derived from non-animal sources, making this product suitable for vegetarians and those individuals wishing to avoid animal-derived enzymes.

FUNCTIONS

Proteolytic enzymes are naturally present in many unprocessed foods, and studies show that many of these enzymes are absorbed in the intestine to varying degrees, and in fact remain active after entering the circulatory system. Absorption tends to be better in the absence of protein-containing foods. Fresh, uncooked foods, especially fruits and vegetables are good sources of biologically active enzymes; however, processing, storage and cooking destroy the enzymes and some scientists believe that the modern way of eating is causing a general enzyme deficiency. These proteases are continuously active in reshaping the tissues throughout the body as they participate in normal wound healing processes. They help remove cellular debris and facilitate healthy inflammatory processes. Vegetarian Protezyme Forte contains several proteolytic enzymes all specifically formulated to help support the body's normal inflammatory process and help expedite normal wound healing.*

Protease 4.5 and 6.0: A mixture of acid, neutral and alkaline proteases that demonstrate both exo-peptidase and endo-peptidase activity. These proteases have an effective pH range from 2.5 to 7.0.

Bromelain: Obtained from the lower stems of the pineapple plant, it is a combination of proteolytic enzymes which differ in their specificity and optimal environments. Bromelain has an effective pH range of 4.0 – 9.0 and has been extensively studied for its ability to support normal inflammatory processes.*

Papain: Derived from the papaya fruit, papain contains a wide variety of proteolytic enzymes and can effectively hydrolyze most soluble protein, yielding peptides and amino acids. Papain has an effective pH range of 3.0 to 10.5.

Serrazimes®: A proprietary proteolytic enzyme system derived from *Aspergillus oryzae* and *Aspergillus melleus* and designed as an alternative to serrapeptidase. *Aspergillus melleus* has been shown to support normal inflammatory processes similar to serrapeptidase but with fewer reported side effects.* Serrazimes may also help support immune function and promote a healthy response to stress.*

Rutin: Rutin is a bioflavonoid that is naturally found in many plants and dietary sources including black tea and apples. Bioflavonoids act as potent antioxidant in the body, neutralizing the potentially harmful proliferation of free radicals. This in turn can help minimize the cellular damage that can affect normal inflammatory processes.

INDICATIONS

Vegetarian Protezyme Forte may be a useful dietary supplement for individuals wishing to supplement their diets with proteolytic enzymes to support the body's normal inflammatory processes.

**Vegetarian Protezyme Forte
Natural Non-Animal Proteolytic Enzymes to Support
Healthy Inflammatory Processes**

FORMULA (#99445)

3 Tablets contain:

Protease 4.5 (from <i>Aspergillus oryzae</i>)	15,000 HUT
Bromelain (from Pineapple extract)	9 million FCC PU
Protease 6.0 (from <i>Aspergillus oryzae</i>)	120,000 HUT
Serrazimes® (from <i>Aspergillus oryzae</i> and <i>Aspergillus melleus</i>)	120,000 U
Papain (from papaya extract)	3 million FCCPU
Rutin	150 mg

Serrazimes® is a registered trademark of the National Enzyme Company.

SUGGESTED USE

As a dietary supplement, take 1 tablet 3 times a day on an empty stomach or as directed by your healthcare professional.

SIDE EFFECTS

No adverse side effects have been reported.

STORAGE

Store in a cool, dry place, away from direct light. Keep out of reach of children.

REFERENCES

Grigorian AV, Tolstykh PI, Gostishchev VK. [Proteolytic activity of the blood and tissue and its relation to wound healing]. *Vestn Khir Im I I Grek* 1978;120:9-12.

Lecht LA, Stephenson RL. Clinical evaluation of a proteolytic enzyme therapy in treatment of external lesions. *Vet Med Small Anim Clin* 1968;63:154-6.

Rimoldi R, Ginesu F, Giura R. The use of bromelain in pneumological therapy. *Drugs Exp Clin Res* 1978;4:55-66.

Udod VM, Storozhuk VT. [Treatment of suppurative diseases of soft tissues with proteolytic enzyme, papain] [Article in Russian] *Klin Khir.* 1979 Jan;(1):37-8.

For more information on Estro-Mend™ visit douglaslabs.com

† 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.

Manufactured by
Douglas Laboratories
600 Boyce Road
Pittsburgh, PA 15205
800-245-4440
douglaslabs.com



**You trust Douglas Laboratories.
Your patients trust you.**