

# SERRAPEPTASE

## Whole Body Enzyme for Clear Blood Flow

The silk worm has been revered for thousands of years for its ability to produce what some call “woven wind.” Studies give us another reason to revere the silk worm: the proteolytic enzyme serrapeptase. Silk worms use the substance for their cocoons. They spin their cocoons out of the silk and upon maturing, use serrapeptase to break out of the cocoon. In humans, serrapeptase supports regulation of inflammatory response and promotes cardiovascular and arterial health by clearing the circulatory system. Today, the enzyme is obtained through bacterial fermentation and the process no longer involves the silk worm.

Source Naturals is the science-based company with products to support healthy living. Source Naturals’ potent SERRAPEPTASE is a systemic enzyme that breaks down fibrin and mucus, which supports healthier circulation and easier breathing. In addition, Source Naturals SERRAPEPTASE is enteric coated. The capsule is coated with pH sensitive materials that remain intact in the acidic environment of the stomach. When it reaches the small intestine, which is an alkaline environment, the capsule dissolves. Enteric coating the capsule means that more serrapeptase activity will be available to the bloodstream.

Source Naturals SERRAPEPTASE is a high potency systemic enzyme that addresses three of the twelve SystemiCare™ deep metabolic systems identified by Source Naturals as critical for optimum health: Inflammation Response, Circulation, and Immunity.



*Strategies for Wellness*<sup>SM</sup>



### Serrapeptase Defined

Xi Ling-Shi, the wife of the Chinese Yellow Emperor, discovered silk in 3000 BC. Legend says that while she was sitting under a mulberry bush, a cocoon dropped into her tea. The cocoon spun itself around her finger when she fished it out. The fine smoothness of the strand prompted her to turn the strand into yarn. Silk worms are known for their silk, and now for the enzyme, serrapeptase.

Serrapeptase is a systemic enzyme—it breaks down protein. It can break down extraneous fibrin, mucus and other compounds that accumulate during the body's normal repair process. Serrapeptase naturally eases minor pain and inflammation associated with every day activity, promoting healthy circulation and breathing.

### Supports Immunity, Circulation and Normal Inflammation Response

The inflammatory response is an automatic mechanism employed by the body's immune system to protect against everyday wear and tear. It is activated by any irritation or penetration of the skin or mucous membranes with the ultimate goal of increasing the flow of

blood to the site to increase cleansing. One of the things that happens during this normal process is the formation of a substance called fibrin. Fibrin is a protein that forms a mesh-like structure over the affected area for new cells to form on. But the body may not always have the necessary tools to remove fibrin in the circulatory system when its work is done. Serrapeptase helps ensure the timely removal of excess fibrin.

### Supports the Respiratory System

Serrapeptase has also been found to break down mucus in the nasal passages, throat and lungs. In this way it contributes to clear breathing and respiratory comfort.

### Solely Serrapeptase

Serrapeptase was originally from silk worms and now is isolated from the non-pathogenic *Enterobacteria serratia* E15. Each enterically coated capsule contains 500mg of serrapeptase in a base of rice flour. Other brands dilute their product, but Source Naturals offers a potent 60,000 units of serrapeptase activity per capsule.

### Systemic Enzymes and the Wellness Revolution

Source Naturals brings you SERRAPEPTASE as part of our commitment to healthy living.

SERRAPEPTASE is part of Source Naturals' line of systemic enzymes, which bring you the benefits of the latest advances in biochemical research. We are pleased to partner with your natural foods retailer in providing the education and scientifically based nutrition you need for your well-being.

### References:

Rothschild, J. Clinical use of Serrapeptase: An alternative to Non-steroidal anti-inflammatory enzyme preparation. *The World of Obstetrics and Gynecology* (Japanese). 1981; 33:371-9



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