

Product: Elastase
Catalog #: 12-7613
Amount: 25 mg

DESCRIPTION: This enzyme degrades elastin, collagen, and proteoglycan and has been implicated in the development of pulmonary emphysema and rheumatoid arthritis

SOURCE: Human neutrophil

MOLECULAR WEIGHT: 29,500

BUFFER: Salt free

ACTIVITY: 20-22 units/mg protein. One unit is defined as the amount of enzyme that hydrolyzes one umole of MeO-Suc-Ala-Ala-Pro-Val pNA per minute at 25°C, pH 8.0

PURITY: > 95% by SDS-PAGE

STORAGE: Frozen (-20°C)

QUALITY CONTROL: Nonreactive and negative for HBsAg, anti-HCV, anti-HBc, and anti-HIV by FDA-required tests.

Because no test method can offer complete assurance that products derived from human source will not transmit infectious agents, it is recommended that this product be handled with the same precautions used for patient specimens.

This product is sold for laboratory research use or further manufacturing only and should not be used for human therapeutic or diagnostic applications. The information presented is believed to be accurate; however, said information and products are offered without warranty or guarantee since the ultimate conditions of use and the variability of the materials treated are beyond our control. Nothing disclosed herein is to be construed as a recommendation to use our products in violation of any patents. Under no circumstances shall ARP American Research Products, Inc. be liable for damages, whether consequential, compensatory, incidental or special, strict liability or negligence, breach of warranty or any other theory arising out of the use of the products available from ARP American Research Products, Inc. Nothing contained herein warrants that the use of the products will not infringe on the claims of any patents covering the product itself or the use thereof in combination with other products or in the operation of any process.