

Active Native Human Tryptase Protein

Cat. No. Tryptase-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Prepared from tissue that has been shown by certified tests to be negative for HBsAg and for antibodies to HIV and HCV. 3.4.21.59
Species	Human
Source	Lung
Description	Tryptase is a serine protease stored in mast cell granules. A tetrameric enzyme composed of four non-covalently bound subunits. Each subunit is reported to contain one active site. Reported to upregulate neoangiogenesis in carcinogenesis of the uterine cortex. Tryptase is also an important mediator of allergic reactions that activates G-protein-coupled receptors through proteolysis, thus amplifying histamine release.
Form	Liquid
Bio-activity	≥50 U/mg protein
Unit Definition	One unit is defined as the amount of enzyme that gives a change of 1 absorbance per min at 410 nm using N-benzoyl-Phe-Val-Arg-pNA as a substrate in 30 min at 25 centigrade.
Storage	At -20 centigrade. Avoid freeze/thaw.

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Storage Buffer	In 1 M NaCl, 50 mM NaOAc, 50 µM heparin, 0.05% NaN ₃ .
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Shipping	Dry Ice Only
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GENE INFORMATION

Official Symbol	Tryptase
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Synonyms	Tryptase
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