

Animal-Free Enterokinase Protein, Bovine (His)

Cat. No.:	HY-P7341AF
Synonyms:	Enteropeptidase; Enterokinase; Serine protease 7; Transmembrane protease serine 15; Enteropeptidase; ENTK; PRSS7
Species:	Bovine
Source:	P. pastoris
Accession:	/
Gene ID:	282009
Molecular Weight:	Approximately 40 kDa

PROPERTIES

AA Sequence	/
Biological Activity	5 U/ μ l Unit definition: One unit is defined as the amount of enzyme sufficient to cleave 50 μ g of control fusion protein (~24 kDa) in 16 hours to 95% completion at 22 °C in a buffer containing 20 mM Tris-HCl, 50 mM NaCl, 2 mM CaCl ₂ , pH 7.4.
Appearance	Solution.
Formulation	Supplied as a 0.2 μ m filtered solution of 20 mM Tris-HCl, 200 mM NaCl, 2 mM CaCl ₂ , 50% glycerol, pH 7.4.
Endotoxin Level	< 1 EU/ μ g of protein by gel clotting method
Reconstitution	N/A.
Storage & Stability	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
Shipping	Shipping with dry ice.

Caution: Product has not been fully validated for medical applications. For research use only.

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