

Recombinant Mouse Chymase(Cma1),partial

Catalog No: #AP70174

Package Size: #AP70174-1 20ug #AP70174-2 100ug #AP70174-3 1mg

Description

Product Name	Recombinant Mouse Chymase(Cma1),partial
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-246aaSequence Info:Partial
Other Names	Alpha-chymase;Mast cell chymase 1Mast cell protease 5 ;mMCP-5Mast cell protease I
Accession No.	P21844
Calculated MW	29.2 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	IIGGTECIPHSRPY MAYLEIVTSEN YLSACSGFLIRRNFVLTA AHCAGRSITVLLGAHNKTSKEDTWQKLEVEKQ FLHPKYDENLVVHDI MLLKLKEKAKLT LGVGTLP L SANFNFI PPGRMCRAVGWGRTNVNEPASDTLQEVKMRL QEPQACKHFTSFRHNSQLCVGNPKMQNVYKGDSGGPLL CAGIAQGIASYVHRNAKPPAVFTRISHYRPWIN KILRE
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

Major secreted protease of mast cells with suspected roles in vasoactive peptide generation, Extracellular domain matrix degradation, and regulation of gland secretion.

References

Characterization of the gene encoding mouse mast cell protease 8 (mMCP-8),and a comparative analysis of hematopoietic serine protease genes.Lunderius C., Hellman L.Immunogenetics 53:225-232(2001) Research Topic:Others

Note: This product is for in vitro research use only and is not intended for use in humans or animals.