

Recombinant Dog Chymase(CMA1)

Catalog No: #AP70173

Package Size: #AP70173-1 20ug #AP70173-2 100ug #AP70173-3 1mg

Description

Product Name	Recombinant Dog Chymase(CMA1)
Host Species	E.coli
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:22-249aaSequence Info:Full Length
Other Names	Alpha-chymase;Mast cell protease I
Accession No.	P21842
Calculated MW	41.5 kDa
Tag Info	N-terminal 6xHis-SUMO-tagged
Target Sequence	IIGGTESKPHSRPYMAHLEILTLRNHLASCGGFLIRRNFLVLTAAHCAGRFIMVTLGAHNIQKKEDTWQKLEVIKQ FPHPKYDDLTLRHDIMLLKLKEKANLTLAVGTLPLSPQFNFPVPPGRMCRVAGWGKRQVNGSGSDTLQEVKLR LMDPQACRHYMAFDHNLQLCVGNPRKTKSAFKGDSGGPLLCAQVAQGIVSYGQNDAPPAVFTRISHYRPWI NKVLKQNKAK
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

Purification and characterization of dog mastocytoma chymase identification of an octapeptide conserved in chymotryptic leukocyte proteinases.Caughey G.H., Viro N.F., Lazarus S.C., Nadel J.A.Biochim. Biophys. Acta 952:142-149(1988)Research Topic:Others

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