

## Recombinant dog Chymase

Catalog No: #AP72503

Package Size: #AP72503-1 20ug #AP72503-2 100ug #AP72503-3 1mg

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant dog Chymase
Brief Description	Recombinant Protein
Host Species	Yeast
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
Uniprot	P21842
GeneID	490628;
Calculated MW	27.5 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	IIGGTESKPHSRPYMAHLEILTRNHLASCGGFLIRRNFLVLTAAHCAGRFIMVTLGAHNIQKKEDTWQKLEVIKQ FPHPKYDDLTLRHDIMLLKLKEKANLTLAVGTLPLSPQFNFPVPPGRMCRVAGWGKRQVNGSGSDTLQEVLKLR LMDPQACRHYMAFDHNLQLCVGNPRKTKSAFKGDSGGPLLCAQVAQGVSYGQNDAPPAVFTTRISHYRPWI 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