

Chymase Recombinant Protein | Cma1 recombinant protein

Recombinant Mouse Chymase

CATALOG #
AAA113860

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

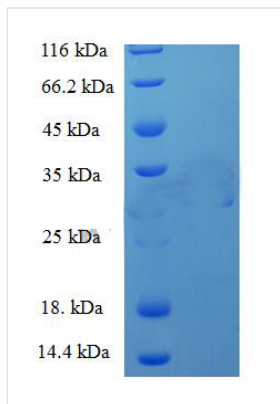
PRODUCT SYNONYMS

Chymase; Recombinant Mouse Chymase; Alpha-chymase; Mast cell chymase 1; Mast cell protease 5; mMCP-5; Mast cell protease I; Cma1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	22-246aa; Partial
Sequence	IIGGTECIPH SRPYMAYLEI VTSENYLSAC SGFLIRRNFV LTAHCAGRS ITVLLGAHNK TSKEDTWQKL EVEKQFLHPK YDENLVVHDI MLLKLEKAK LTLGVGTLP L SANFNFIPPG RMCRAVGWGR TNVNEPASDT LQEVKMLQE PQACKHFTSF RHNSQLCVGN PKKMQNVYKG DSGGPLLCAG IAQGIASYVH RNAKPPAVFT RISHYRPWIN KILRE
Preparation and Storage	Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for Cma1 recombinant protein

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

References	Molecular cloning of the mouse mast cell protease-5 gene. A novel secretory granule protease expressed early in the differentiation of serosal mast cells. McNeil H.P., Austen K.F., Somerville L.L., Gurish M.F., Stevens R.L.J. Biol. Chem. 266:20316-20322(1991) Cloning and structural analysis of MMCP-1, MMCP-4 and MMCP-5, three mouse mast cell-specific serine proteases. Huang R., Blom T., Hellman L. Eur. J. Immunol. 21:1611-1621(1991) Molecular cloning and characterization of mouse mast cell chymases. Chu W., Johnson D.A., Musich P.R. Biochim. Biophys. Acta 1121:83-87(1992) 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) Different mouse mast cell populations express various combinations of at least six distinct mast cell serine proteases. Reynolds D.S., Stevens R.L., Lane W.S., Carr M.H., Austen K.F., Serafin W.E. Proc. Natl. Acad. Sci. U.S.A. 87:3230-3234(1990) Translation and granule localization of mouse mast cell protease-5. Immunodetection with specific antipeptide Ig. McNeil H.P., Frenkel D.P., Austen F., Friend D.S., Stevens R.L.J. Immunol. 149:2466-2472(1992)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	6857812
NCBI GeneID	17228
NCBI Accession #	NP_034910.1
NCBI GenBank Nucleotide #	NM_010780.3
UniProt Accession #	P21844; Q9R1F0
Molecular Weight	29.2 kDa
NCBI Official Full Name	chymase preproprotein
NCBI Official Synonym Full Names	chymase 1, mast cell
NCBI Official Symbol	Cma1
NCBI Official Synonym Symbols	Mcp5; Mcp-5; Mcpt5; MMCP-5
NCBI Protein Information	chymase
UniProt Protein Name	Chymase
UniProt Gene Name	Cma1
UniProt Synonym Gene Names	Mcpt5; mMCP-5
UniProt Entry Name	CMA1_MOUSE

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/cma1-recombinant-protein-e-coli/113860>