

Chymase 1, Mast Cell (CMA1) Recombinant Protein | CMA1 recombinant protein

Recombinant Chymase 1, Mast Cell (CMA1)

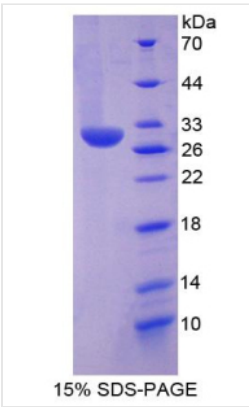
CATALOG # AAA134501	HOST E.coli	REACTIVITY Mus musculus (Mouse)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

Chymase 1; Mast Cell (CMA1); Recombinant Chymase 1; CMA1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Mus musculus (Mouse)
Purity/Purification	> 97%
Form/Format	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 350ug/mL (varies by lot)
Sequence	LLLLGSSTK AGEIIGGTEC IPHSRPY MAY LEIVTSENYL SACSGFLIRR NFVLTAAHCA GRSITVLLGA HNKTSKEDTW QKLEVEKQFL HPKYDENLVV HDIMLLKKE KAKLT LGVGT LPLSANFNFI PPGRMCRAVG WGRTNVNEPA SDTLQEVKMR LQEPQACKHF TSFRHNSQLC VGNPKKMQNV YKGDSSGGPLL CAGIAQGIAS YVHRNAKPPA VFTRISHYRP WINKILREN
Applicable Applications for CMA1 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Leu9~Asn247
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	9.9
Usage	Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.



SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	6857812
NCBI GeneID	17228
NCBI Accession #	NP_034910.1
NCBI GenBank Nucleotide #	NM_010780.2
UniProt Accession #	P21844; Q9R1F0
Molecular Weight	Predicted Molecular Mass: 30.3kDa Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	chymase
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; alpha-chymase; mast cell chymase 1; mast cell protease 5; mast cell protease I
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://stage.aaabiotech.com/cma1-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/134501>