

Chymase/CMA1 Protein, Mouse (His)

Cat. No.:	HY-P72290
Synonyms:	Alpha-chymase; Mast cell chymase 1; Mast cell protease 5; mMCP-5; Mast cell protease I
Species:	Mouse
Source:	E. coli
Accession:	P21844 (I22-E246)
Gene ID:	17228
Molecular Weight:	Approximately 29.2kDa

PROPERTIES

AA Sequence	<pre> I G G T E C I P H S R P Y M A Y L E I V T S E N Y L S A C S G F L I R R N F V L T A A H C A G R S I T V L L G A H N K T S K E D T W Q K L E V E K Q F L H P K Y D E N L V V H D I M L L K L K E K A K L T L G V G T L P L S A N F N F I P P G R M C R A V G W G R T N V N E P A S D T L Q E V K M R L Q E P Q A C K H F T S F R H N S Q L C V G N P K K M Q N V Y K G D S G G P L L C A G I A Q G I A S Y V H R N A K P P A V F T R I S H Y R P W I N K I L R E N </pre>
Biological Activity	The enzyme activity of this recombinant protein is testing in progress, we cannot offer a guarantee yet.
Appearance	Lyophilized powder.
Formulation	Lyophilized from 0.22 µm filtered solution in PBS, pH 7.4.
Endotoxin Level	<23 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Chymase/CMA1 Protein emerges as the principal secreted protease in mast cells, suggesting involvement in vasoactive peptide generation, extracellular matrix degradation, and the regulation of gland secretion.
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Caution: Product has not been fully validated for medical applications. For research use only.

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