

Recombinant Full Length Human CMA1 protein, His-tagged

Cat. No. CMA1-2503H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CMA1 protein(P23946) (Met 1-Asn 247) was expressed in Insect Cells, fused with a polyhistidine tag at the C-terminus.
Species	Human
Source	Insect Cells
ProteinLength	1-247 aa
Form	Lyophilized from sterile 20mM Tris, 500mM NaCl, pH 7.4, 10% gly.
Molecular Mass	The secreted recombinant human CMA1 consists of 238 amino acids and predicts a molecular mass of 26.6 kDa. It migrates as an approximately 33 kDa band in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	> 92 % as determined by SDS-PAGE
Storage	Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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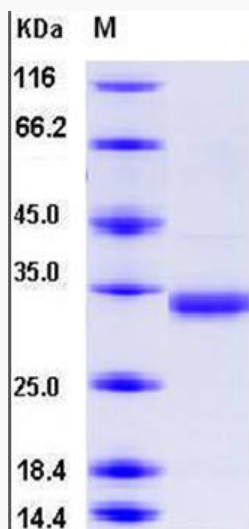
 45-1 Ramsey Road, Shirley, NY 11967, USA

GENE INFORMATION

Gene Name	CMA1 chymase 1, mast cell [Homo sapiens]
Official Symbol	CMA1
Synonyms	CMA1; chymase 1, mast cell; chymase; alpha-chymase; chymase, heart; chymase, mast cell; mast cell protease I; chymase 1 preproprotein transcript E; chymase 1 preproprotein transcript I; CYH; MCT1; MGC119890; MGC119891;
Gene ID	1215
mRNA Refseq	NM_001836
Protein Refseq	NP_001827
MIM	118938
UniProt ID	P23946

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SDS-PAGE



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