

Chymase Active Protein | CMA1 active protein

Chymase reagent

CATALOG #
AAA75403

PRODUCT SYNONYMS

Chymase; Chymase reagent; CMA1 active protein

PRODUCT SPECIFICATIONS

Purity/Purification	≥ 95% by SDS-PAGE and gel diffusion
Form/Format	Supplied as a liquid in 50 mM sodium acetate buffer, pH 5.0, with 1 M sodium chloride.
Concentration	Protein Concentration: 0.2 mg/mL by Coomassie Blue assay (Bradford). (varies by lot)
Sequence Length	226
Source	Human skin mast cells
Grade	Highly Pure
Specific Activity	115.5 U/mg of protein 23.1 U/mL
Additional Remarks	One unit will hydrolyze 1.0 umole of N-Benzoyl-L-Tyrosine-Ethyl Ester (BTEE) per minute at pH 7.8 and 25 degrees C. Assay buffer is 0.30M Tris, pH 7.8, with 1.5M NaCl, and 15% ethanol. Use 1-3 ugm of enzyme.
Biohazard	All human tissue donors are screened for the following: Basic Serology Panel #1 RPR Syphilis Serology, ABO/Rh Typing HIV-I/HIV2 Antibody Screen, Hepatitis B Surface Antigen, Hepatitis B Core IgG/IgM Antibody, Hepatitis C Virus Antibody, HTLV-1 Antibody.
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store at - 20 degrees C.

ADDITIONAL INFORMATION

Product Categories/Family for CMA1 active protein	Proteases; Inhibitors; & Enzymes; Native Protein
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NCBI AND UNIPROT INFORMATION

NCBI GI #	409011
NCBI GeneID	1215
UniProt Accession #	P23946; Q16018; Q3SY36; Q3SY37; Q9UDH5; B5BUM8
NCBI Official Full Name	chymase, partial
NCBI Official Synonym Full Names	chymase 1, mast cell
NCBI Official Symbol	CMA1
NCBI Official Synonym Symbols	CYH; MCT1; chymase
NCBI Protein Information	chymase

UniProt Protein Name	Chymase
UniProt Gene Name	CMA1
UniProt Synonym Gene Names	CYH; CYM
UniProt Entry Name	CMA1_HUMAN

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/active-protein/chymase/75403>