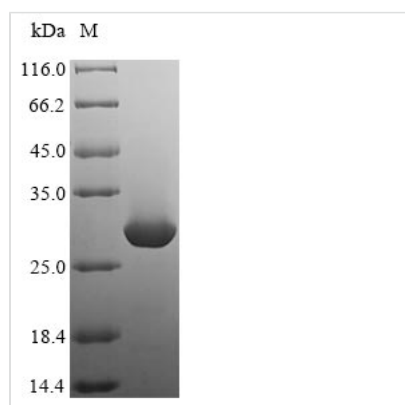




Recombinant Rat Mast cell protease 2 (Mcpt2)

Product Code	CSB-YP360441RA
Relevance	This enzyme, isolated from small intestine, specifically inactivates the apo forms of a certain group of intracellular pyridoxal phosphate-requiring enzymes. It has chymotrypsin-like specificity towards small substrates.
Abbreviation	Recombinant Rat Mcpt2 protein
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P00770
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	IIGGVESIPHSRPYMAHLDIVTEKGLRVICGGFLISRQFVLTAAHCKGREITVILG AHDVRKRESTQQKIKVEKQIIHESYNSVPNLHDIMLLKLEKKVELTPAVNVVPLP SPSDFIHGAMCWAAGWGKTGVRDPTSYTLREVELRIMDEKACVDYRYEYK FQVCVGSPTTLRAAFMGDSGGPLLCAHVAHGIVSYGHPDAKPPAIFTRVSTYV PWINAVINTSS
Source	Yeast
Target Names	Mcpt2
Protein Names	Group-specific proteaseMast cell protease II
Expression Region	21-247aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged and C-terminal Myc-tagged
Mol. Weight	28.5kDa
Protein Length	Full Length of Mature Protein

Image



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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