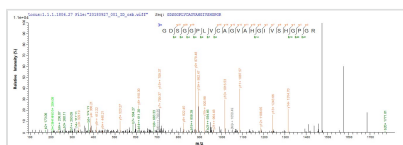




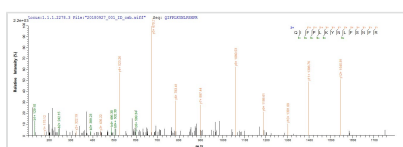
Recombinant Rat Mast cell protease 4 (Mcpt4)

Product Code	CSB-EP311424RA
Abbreviation	Recombinant Rat Mcpt4 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.	P97592
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	IIGGVESIPHSRPYMA LLKIVTEEGHVTF CGGFLISLQFVLTA AHCHGREITVTLG AHDMSKRESTQQKIKVVKQIFPLKYNLFSNFRDIMLLKLEQKAVLTPSVNVIPLP QSSDIKPGTMCLAAGWGQTGVKEPNSNTLREVMLRIMEMKACKDYRHYDNR FQICVGIPQMLKLAYKGDSSGGLVCAGVAHGIVSHGPGRGIPPIIFTRISSYVSW INRVIRGN
Research Area	Others
Source	E.coli
Target Names	Mcpt4
Protein Names	Recommended name: Mast cell protease 4 Short name= rMCP-4 EC= 3.4.21.- Alternative name(s): Mast cell protease IV Short name= rMCP-IV
Expression Region	21-246aa
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	30.5 kDa
Protein Length	Full Length of Mature Protein

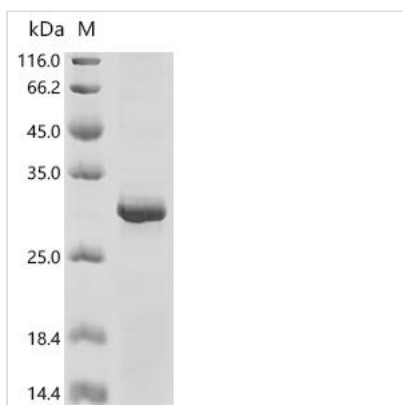
Image



Based on the SEQUEST from database of E.coli host and target protein, the LC-MS/MS Analysis result of CSB-EP311424RA could indicate that this peptide derived from E.coli-expressed Rattus norvegicus (Rat) Mcpt4.



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(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

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.