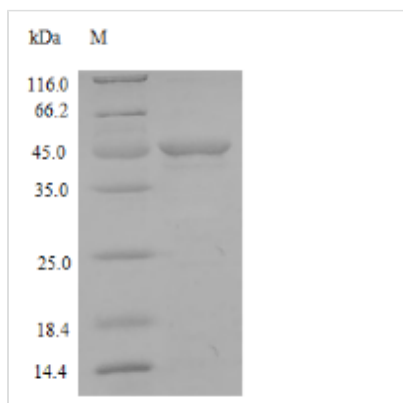




Recombinant Rat Matrilysin (Mmp7)

Product Code	CSB-EP014677RA
Relevance	Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase .
Abbreviation	Recombinant Rat Mmp7 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.	P50280
Alias	Matrin;Matrix metalloproteinase-7 ;MMP-7Pump-1 proteaseUterine metalloproteinase
Product Type	Recombinant Protein
Immunogen Species	Rattus norvegicus (Rat)
Purity	Greater than 90% as determined by SDS-PAGE.
Sequence	FSLMPNSPKWHSRTVTYRIVSYTTDLPRFLVDQIVKRALRMWSMQIPLNFKRV SWGTAIIIGFARGDHGDNFPFDGPGNTLGHAFAFGPGLGGDAHFDKDEYWT DGEDSGVNFLFVATHELGHSLGLGHSSVPSSVMYPTYQGDHSEDFSLTKDDI AGIQKLYGKRNL
Research Area	Others
Source	E.coli
Target Names	Mmp7
Expression Region	98-267aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal GST-tagged
Mol. Weight	45.9kDa
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

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.