



Recombinant Rat Matrilysin (Mmp7)

Product Code	CSB-EP014677RA
Relevance	Degrades casein, gelatins of types I, III, IV, and V, and fibronectin. Activates procollagenase .
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
Lead Time	3-7 business days
Research Area	Others
Source	E.coli
Gene 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 Description	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.