





# Recombinant Mouse Transmembrane protease serine 6 (Tmprss6), partial

<b>Product Code</b>	CSB-BP880561MO
Relevance	Serine protease which hydrolyzes a range of proteins including type I collagen, fibronectin and fibrinogen. Can also activate urokinase-type plasminogen activator with low efficiency. May play a specialized role in matrix remodeling processes in liver. Through the cleavage of HFE2, a regulator of the expression of the iron absorption-regulating hormone hepicidin/HAMP, plays a role in iron homeostasis.
Abbreviation	Recombinant Mouse Tmprss6 protein, partial
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.	Q9DBI0
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	KAEVTVSQVYSGSLRVLNRHFSQDLGRRESIAFRSESAKAQKMLQELVASTRL GTYYNSSSVYSFGEGPLTCFFWFILDIPEYQRLTLSPEVVRELLVDELLSNSSTL ASYKTEYEVDPEGLVILEASVNDIVVLNSTLGCYRYSYVNPGQVLPLKGPDQQ TTSCLWHLQGPEDLMIKVRLEWTRVDCRDRVAMYDAAGPLEKRLITSVYGCS RQEPVMEVLASGSVMAVVWKKGMHSYYDPFLLSVKSVAFQDCQVNLTLEGR LDTQGFLRTPYYPSYYSPSTHCSWHLTVPSLDYGLALWFDAYALRRQKYNRL CTQGQWMIQNRRLCGFRTLQPYAERIPMVASDGVTINFTSQISLTGPGVQVYY SLYNQSDPCPGEFLCSVNGLCVPACDGIKDCPNGLDERNCVCRAMFQCQED STCISLPRVCDRQPDCLNGSDEEQCQEGVPCGTFTFQCEDRSCVKKPNPECD GQSDCRDGSDEQHCDCGLQGLSSRIVGGTVSSEGEWPWQASLQIRGRHICG GALIADRWVITAAHCFQEDSMASPKLWTVFLGKMRQNSRWPGEVSFKVSRLF LHPYHEEDSHDYDVALLQLDHPVVYSATVRPVCLPARSHFFEPGQHCWITGW GAQREGGPVSNTLQKVDVQLVPQDLCSEAYRYQVSPRMLCAGYRKGKKDAC QGDSGGPLVCREPSGRWFLAGLVSWGLGCGRPNFFGVYTRVTRVINWIQQV LT
Research Area	Cell Biology
Source	Baculovirus
Target Names	Tmprss6
Protein Names	Matriptase-2
Expression Region	81-811aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at











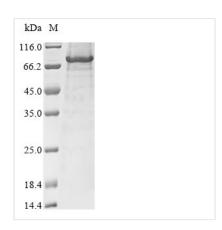
4°C for up to one week.

Tag Info N-terminal 10xHis-tagged and C-terminal Myc-tagged

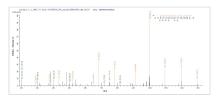
Mol. Weight 86.1 kDa

#### **Protein Length** Extracellular Domain

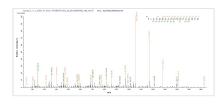
#### **Image**



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



Based on the SEQUEST from database of Baculovirus host and target protein, the LC-MS/MS Analysis result of CSB-BP880561MO could indicate that this peptide derived from Baculovirus-expressed Mus musculus (Mouse) Tmprss6.



Based on the SEQUEST from database of Baculovirus host and target protein, the LC-MS/MS Analysis result of CSB-BP880561MO could indicate that this peptide derived from Baculovirus-expressed Mus musculus (Mouse) Tmprss6.

## 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.