



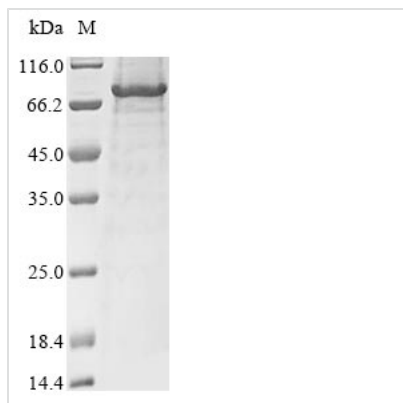
Recombinant Mouse Transmembrane protease serine 6 (Tmprss6), partial

Product Code	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 hepcidin/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
Storage Buffer	Tris-based buffer, 50% glycerol
Product Type	Recombinant Proteins
Immunogen Species	Mus musculus (Mouse)
Purity	≥ 85% as determined by SDS-PAGE.
Sequence	KAEVTVSQVYSGSLRVLNRHFSQDLGRRESIAFRSESAKAQKMLQELVASTRL GTYYNSSSVYSFGEGPLTCFFWFILDIPEYQRLTSLPEVVRELLVDELLSNSSTL ASYKTEYEVDPEGLVILEASVNDIVVLNSTLGCYRYSYVNPQGVLPLKGPDQQ TTSCWLHLQGPEDLMIKVRLEWTRVDCRDRVAMYDAAGPLEKRLITSVYGCS RQEPVMEVLASGSVMAVWKKGMHSYYDPFLLSVKSVAFQDCQVNLTLGR LDTQGFLRTPYYPSYYSPSTHCSWHLTVPSLDYGLALWFDAYALRRQKYNRL CTQGQWMIQNRRLCGFRTLQPYAERIPMVASDGVNTINFTSQISLTGPGVQVYY SLYNQSDPCPGEFLCSVNLGCVACDGIKDCPNGLDERNCVCRAMFQCQED STCISLPRVCDRQPDCLNGSDEEQCQEGVPCGTFTFQCEDRSCVKKNPECD GQSDCRDGSDEQHCDGLQLSSRIVGGTVSSEGEWPWQASLQIRGRHICG GALIADRWVITAACHCFQEDSMASPKLWTVFLGKMRQNSRWPGEVSFKVSRLF LHPYHEEDSHDYDVALLQLDHPVWYSATVRPVCLPARSHFFEPGQHCWITGW GAQREGGPVSNTLQKVDVQLVPQDLCSEAYRYQVSPRMLCAGYRKGGKDAC QGDSGGPLVCREPSGRWFLAGLVSWGLGCGRPNFFGVYTRVTRVINWIQQV LT
Research Area	Cell Biology
Source	Baculovirus
Target Names	Tmprss6
Protein Names	Matriptase-2
Expression Region	81-811aa

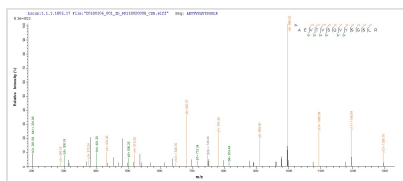


Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged and C-terminal Myc-tagged
Mol. Weight	86.1 kDa
Protein Length	Extracellular Domain

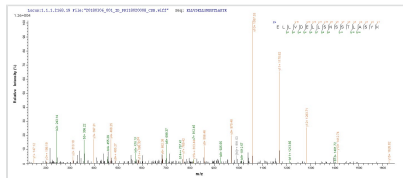
Image



(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.



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Shelf Life

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