



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
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	Greater than 85% as determined by SDS-PAGE.
Sequence	<p> KAEVTVSQVYSGSLRVLNRHFSQDLGRRESIAFRSESAKAQKMLQELVASTRL GTYYNSSSVYSFGEGPLTCFFWFILDIPEYQRLTSLPEVVRELLVDELLSNSSTL ASYKTEYEVDPEGLVILEASVNDIVVLNSTLGCYRYSYVNPQGVLPLKGPDQQ TTSCWLHLQGPEDLMIKVRLEWTRVDCRDRVAMYDAAGPLEKRLITSVYGCS RQEPVMEVLASGSVMVWKKGMHSYYDPFLLSVKSVAFQDCQVNLTLGR LDTQGFLRTPYYPSYYSPSTHCSWHLTVPSLDYGLALWFDAYALRRQKYNRL CTQGQWMIQNRRLCGFRTLQPYAERIPMVASDGVNTINFTSQISLTGPGVQVYY SLYNQSDPCPGEFLCSVNGLCVPACDGIKDCPNGLDERNCVCRAMFQCQED STCISLPRVCDRQPDCLNGSDEEQCQEGVPCGTFTFQCEDRSCVKKNPECD GQSDCRDGSDEQHCDGLQGLSSRIVGGTVSSEGEWPWQASLQIRGRHICG GALIADRWVITAAHCFQEDSMASPKLWTVFLGKMRQNSRWPGEVSFKVSRLF LHPYHEEDSHDYDVALLQLDHPVVYSATVRPVCLPARSHFFEPGQHCWITGW GAQREGGPVSNTLQKVDVQLVPQDLCSEAYRYQVSPRMLCAGYRKGKKDAC QGDSGGPLVCREPSGRWFLAGLVSWGLGCGRPNFFGVYTRVTRVINWIQQV LT </p>
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

