

Recombinant Mouse TMPRSS15 Protein, His-tagged

Cat. No. TMPRSS15-17119M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse TMPRSS15 protein with a His-tag was expressed in HEK293
Species	Mouse
Source	HEK293
Description	This gene encodes an enzyme that proteolytically activates the pancreatic proenzyme trypsinogen, converting it into trypsin. The encoded protein is cleaved into two chains that form a heterodimer linked by a disulfide bond. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Molecular Mass	The protein has a calculated MW of 115 kDa.
AA Sequence	HHHHHHHHGDAALGKSHEVRGTFKITSGVTYNPNLQDKHSVDFKVLAFDLQQMIDEI FESSSLKNEYEKSKVFQFEKGSVIVLFDLFFAQWVSDKNVKEELIQGIEANISSQLVTL HIDLNSIDITASLSDFTTAVPVTTSDKLTSSPMTTASLGNLSTTVAATTSAPLCNLST ATFATTSGHVSIECQPGSRPCAHAWNCVATDLFCDGEVNCPDGSEDTGLCATAC DGRFLLTGDSGVFQADRYPRPDESGVVCRWIRVNQGLSIRMNFGSFIPHYTDVLDI YEGIGPSKILRGSFWETDPGTIRIFSNLVTVTFLIKSDEYDYIGFNATYSTFNSELNN YEKIDCTFDDGFCFWTQDLDDNEWERIQVTTFPCYTGPRFDHTYGNGSGFYISTP TEQGWRSERVGLSSLSLDLTSEPVCLHFWYIMCCENVNLNIHISSAETTDKIVFQR KGNYGRNWNYGQVTLNETGEFKVVFNAFRNRGCSTIALDDISLTNGICSQSPYPEPT LVPTPPPELPTDCGGPFELWEPNSTFSSPNFPDKYPNQASCIWNLNAQRGKNIQLH FQFDLENINDVVEVRDGGGEFDSLLLAVYTGPGPVKDLFSTTNRMVTIVFTTNMETRR

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KGFKANFTSGYYLGIPEPCQDDEFQCKDGNCIPLGNLCDSYPHCRDGSDEASCVRF
 LNGTRSNGLVQFNIHSIWHIACAENWTTQISNEVCHLLGLGSANSSMPISSTGGGP
 FVRVNQAPNGSLILTPSLQCSQDSLILLQCNHKSCGEKKVTQKVSPKIVGGSDAQAG
 AWPWVVALYHRDRSTDRLLCGASLVSSDWLVSAAHCVYRRNLDPTRWTAVLGLHM
 QSNLTSPQVRRVVDQIVINPHYDRRRKVNDIAMMHLEFKVNYTDYIQPICLPEENQI
 FIPGRTCSIAGWGYDKINAGSTVDVLKEADVPLISNEKCQQQLPEYNITESMICAGYE
 EGGIDSCQGDSSGGLMCQENNRWFLVGVTSFGVQCALPNHPGVYVRVSQFIEWIH
 SFLH

Purity >90% by SDS-PAGE

Storage Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Concentration 0.64 mg/mL

Storage Buffer PBS, pH7.4

GENE INFORMATION

Gene Name [Tmprss15 transmembrane protease, serine 15 \[Mus musculus \]](#)

Official Symbol [Tmprss15](#)

Synonyms TMPRSS15; transmembrane protease, serine 15; enteropeptidase; enterokinase; serine protease 7; protease, serine, 7 (enterokinase); Prss7; A130097D21Rik;

Gene ID [19146](#)

mRNA Refseq [NM_008941](#)

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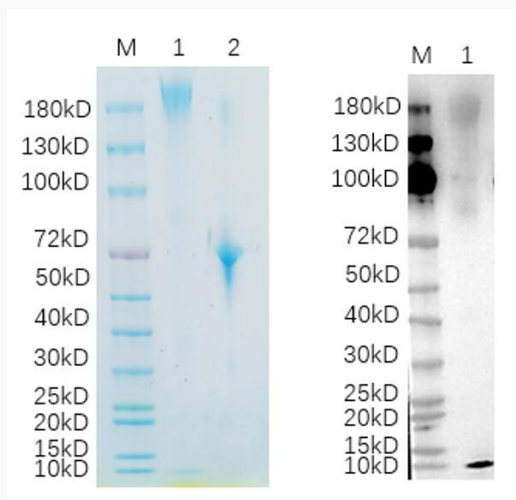
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Protein Refseq

NP_032967

SDS-PAGE:



Reducing 12% SDS-PAGE and WB analysis profile of purified TMPRSS15

1. TMPRSS15

2. BSA

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