

# Recombinant Mouse TMPRSS15 Protein, His-tagged

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

## SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mouse TMPRSS15 protein with a His-tag was expressed in HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Species</b>          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Source</b>           | HEK293                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Description</b>      | 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.                                                                                                                                                                                                                                                                                                                                                        |
| <b>Molecular Mass</b>   | The protein has a calculated MW of 115 kDa.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | HHHHHHHHGDAALGKSHEVRGTFKITSGVTYNPNLQDKHSVDFKVLAFDLQQMIDEI<br>FESSSLKNEYEKSKVFQFEKGSVIVLFDLFFAQWVSDKNVKEELIQGIEANISSQLVTL<br>HIDLNSIDITASLSDFTTAVPVTTSDKLTSSPMTTASLGNLSTTVAATTSAPLCNLST<br>ATFATTSGHVSIECQPGSRPCAHAWNCVATDLFCDGEVNC PDGSEDTGLCATAC<br>DGRFLLTGDSGVFQADRYPRPDESGVVCRWIRVNQGLSIRMNFGSFIPHYTDVLDI<br>YEGIGPSKILRGSFWETDPGTIRIFSNLVTVTFLIKSDEYDYIGFNATYSTFNSELNN<br>YEKIDCTFDDGFCFWTQDLDDNEWERIQVTTFPCYTGPRFDHTYGNGSGFYISTP<br>TEQGWRSERVGLSSLSLDLTSEPVCLHFWYIMCCENVYNLNIHISSAETTDKIVFQR<br>KGN YGRNWN YGQVTLNETGEFKVVFNAFRNRGCSTIALDDISLTNGICSQSPYPEPT<br>LVPTPPPELPTDCGGPFELWEPNSTFSSPNFPDKYPNQASCIWNLNAQRGKNIQLH<br>FQFDLENINDVVEVRDGGGEFDSLLLAVYTGP GPVKDLFSTTNRM TVIFTTNMETRR |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KGFKANFTSGYYLGIPEPCQDDEFQCKDGNCIPLGNLCDSYPHCRDGSDEASCVRF  
 LNGTRSNGLVQFNIHSIWHIACAENWTTQISNEVCHLLGLGSANSSMPISSTGGGP  
 FVRVNQAPNGSLILTPSLQCSQDSLILLQCNHKSCGEKKVTQKVSPKIVGGSDAQAG  
 AWPWVALYHRDRSTDRLLCGASLVSSDWLVSAAHCVYRRNLDPTRWTAVLGLHM  
 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](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Protein Refseq

NP\_032967

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA