

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
HIDLNSIDITASLSDFTTAVPVTTSDKLTSSPMTTSASLGNLSTTVAATTSAPLCNLST
ATFATTSGHVSIECQPGSRPCAHAWNCVATDLFCDGEVNCPDGSEDTGLCATAC
DGRFLLTGDSGVFQADRYPRPDESGVVCRWIIRVNQGLSIRMNFGSFIPHYTDVLDI
YEGIGPSKILRGSFWETDPGTIRIFSNLVTVTFLIKSDEYDYIGFNATYSTFNSELNN
YEKIDCTFDDGFCFWTQDLDDDNEWERIQVTTFPCYTGPRFDHTYGNGSGFYISTP
TEQGWRSERVGLSSLSLDLTSEPVCLHFWYIMCCENVNLNIHISSAETTDKIVFQR
KGN YGRN WNYGQVTLNETGEFKVVFNAFRNRGCSTIALDDISLTNGICSQSPYPEPT
LVPTPPPELPTDCGGPFELWEPNSTFSSPNFPDKYPNQASCIWNLNNAQRGKNIQLH
FQEFDLNINDVVEVRDGGFEFDSLLLAVYTGPGPVKDLFSTTNRMVIFTTNMETRR
    
```

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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



KGFKANFTSGYYLGIPEPCQDDEFQCKDGNCIPLGNLCDSYPHCRDGSDEASCVRF
LNGTRSNGLVQFNIHSIWHIACAENWTTQISNEVCHLLGLGSANSSMPISSTGGGP
FVRVNQAPNGSLILTPSLQCSQDSLILLQCNHKSCGEKKVTQKVSPKIVGGSDAQAG
AWPWWVALYHRDRSTDRLLCGASLVSSDWLVSAAHCVYRRNLDPTRWTAVLGLHM
QSNLTSPQVRRVVDQIVINPHYDRRRKVNDIAMMHLEFKVNYTDYIQPICLPEENQI
FIPGRTCSIAGWGYDKINAGSTVDVLKEADVPLISNEKCQQQLPEYNITESMICAGYE
EGGIDSCQGDSSGGLMCMQENNRWFLVGVTSFGVQCALPNHPGVYVVRVSQFIEWIH
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 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  Fax: 1-631-938-8127

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