

Recombinant Mouse Tmprss15 Protein, His-tagged

Cat. No. Tmprss15-2133M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tmprss15 Protein (Gln902-His1069) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Gln902-His1069
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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 22.6 kDa Accurate Molecular Mass: 25 kDa
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

Tmprss15 transmembrane protease, serine 15 [*Mus musculus* (house mouse)]

Official Symbol

Tmprss15

Synonyms

Tmprss15; transmembrane protease, serine 15; Entk; Prss7; enteropeptidase; enterokinase; protease, serine, 7 (enterokinase); EC 3.4.21.9

Gene ID

19146

mRNA Refseq

NM_008941

Protein Refseq

NP_032967

UniProt ID

P97435

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