

## Recombinant Rat Tmprss15 Protein, His-tagged

**Cat. No.** Tmprss15-2135R    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Rat Tmprss15 Protein (Gln693-His859) with N-His tag was expressed in E. coli.
<b>Species</b>	Rat
<b>Source</b>	E.coli
<b>ProteinLength</b>	Gln693-His859
<b>Description</b>	Predicted to enable scavenger receptor activity and serine-type endopeptidase activity. Predicted to be involved in endocytosis and proteolysis. Predicted to be integral component of membrane. Predicted to be active in membrane. Human ortholog(s) of this gene implicated in enterokinase deficiency. Orthologous to human TMPRSS15 (transmembrane serine protease 15).
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 22.6 kDa Accurate Molecular Mass: 25 kDa
<b>Purity</b>	> 97%
<b>Applications</b>	Positive Control; Immunogen; SDS-PAGE; WB.
<b>Stability</b>	The thermal stability is described by the loss rate. The loss rate was determined by

 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

accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 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 serine protease 15 \[ Rattus norvegicus \(Norway rat\) \]](#)

**Official Symbol**

[Tmprss15](#)

**Synonyms**

TMPRSS15; transmembrane serine protease 15; PRSS7; enteropeptidase; enterokinase; protease, serine, 7 (enterokinase); serine protease 7; transmembrane protease, serine 15; EC 3.4.21.9

**Gene ID**

[288291](#)

**mRNA Refseq**

[NM\\_001105895](#)

**Protein Refseq**

[NP\\_001099365](#)

**UniProt ID**

[D4A911](#)

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