

Recombinant Rat Tmprss15 Protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Rat Tmprss15 Protein (Gln693-His859) with N-His tag was expressed in E. coli.
Species	Rat
Source	E.coli
ProteinLength	Gln693-His859
Description	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).
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

 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

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

 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