

Recombinant Mouse Tmprss2 Protein, His-tagged

Cat. No. Tmprss2-428M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Tmprss2 Protein (Trp105-Ser490) with N-His tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Trp105-Ser490
Description	Predicted to enable scavenger receptor activity and serine-type endopeptidase activity. Involved in proteolysis. Predicted to be located in nucleoplasm and plasma membrane. Is expressed in several structures, including extraembryonic component; genitourinary system; gut; liver and biliary system; and respiratory system. Orthologous to human TMPRSS2 (transmembrane serine protease 2).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 42 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

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

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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, 1 mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in sterile water to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name

Tmprss2 transmembrane protease, serine 2 [*Mus musculus* (house mouse)]

Official Symbol

Tmprss2

Synonyms

TMPRSS2; transmembrane protease, serine 2; transmembrane protease serine 2; epitheliasin; plasmic transmembrane protein X; D16Ert61e; MGC6821

Gene ID

50528

mRNA Refseq

NM_015775

Protein Refseq


NP_056590

UniProt ID

Q9JIQ8

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