

## Recombinant Human TMPRSS6 Protein, His&GST-tagged

Cat. No. TMPRSS6-430H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human TMPRSS6 Protein (Ala608-Thr811) with N-His&GST tag was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Ala608-Thr811
<b>Description</b>	The protein encoded by this gene is a type II transmembrane serine proteinase that is found attached to the cell surface. The encoded protein may be involved in matrix remodeling processes in the liver. Alternative splicing results in multiple transcript variants.
<b>Form</b>	Freeze-dried powder
<b>Molecular Mass</b>	Predicted Molecular Mass: 52.8 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 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

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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**

TMPRSS6 transmembrane protease, serine 6 [ Homo sapiens (human) ]

**Official Symbol**

TMPRSS6

**Synonyms**

TMPRSS6; transmembrane protease, serine 6; transmembrane protease serine 6; FLJ30744; matriptase-2; type II transmembrane serine protease 6; membrane-bound mosaic serine proteinase matriptase-2; IRIDA

**Gene ID**

164656

**mRNA Refseq**

NM\_153609

**Protein Refseq**

NP\_705837

**MIM**

609862

**UniProt ID**

Q8IU80

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