

Recombinant Human TMPRSS6 Protein, His&GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human TMPRSS6 Protein (Ala608-Thr811) with N-His&GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala608-Thr811
Description	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.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.8 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 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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