

Recombinant Human TMPRSS6 protein, GST-tagged

Cat. No. TMPRSS6-126H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human TMPRSS6(1 a.a. - 461 a.a.) fused with GST tag at N-terminal was expressed in Wheat Germ.
Species	Human
Source	Wheat Germ
Protein Length	1 a.a. - 461 a.a.
Form	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Molecular Mass	78 kDa
AA Sequence	<p>MLLLFHSKRMPVAEAPQVAGGQGDGGDGEEAEPEGMFKACEDSKRKARGYLRLV PLFVLLALLVLASAGVLLWYF LGYKAEVMVVSQVYSGSLRVLNRHFSQDLTRRESSA FRSETAKAQKMLKELITSTRLGTYYNSSSVYSFGEGPLTC FFWFILQIPEHRRMLMLSP EVVQALLVEELLSTVNSSAAVPYRAEYEVDPGLVILEASVKDIAALNSTLGCYRYS Y VGQQQVLRLLKGPDHLASSCLWHLQGPKDMLKLRLEWTLAECRDLAMYDVAGPL EKRLITSVYGCSRQEPVVE VLASGAIMAVVWKKGLHSYYPFVLSVQPVVFQACEV NLTLDNRLDSQGVLPSTPYFPSYSPQTHCSWHLTPSL DYGLALWFDAYALRRQK YDLPCTQGQWTIQNRRYHFLSSLWLPFLPPPPSLPSSTVTPSLEAQVPNLGAARG AS RGWGWCQACCP</p>
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

GENE INFORMATION

Gene Name [TMPRSS6 transmembrane protease, serine 6 \[Homo sapiens \]](#)

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](#)

Chromosome Location 22q13.1

Function peptidase activity; serine-type endopeptidase activity;

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