

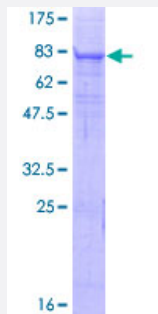
Full-Length

TMPRSS6 (Human) Recombinant Protein (P01)

Catalog # H00164656-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TMPRSS6 full-length ORF (AAH39082.1, 1 a.a. - 461 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLLLFHSKRMPVAEAPQVAGGQGDGGDGEEAEPEGMFKACEDSKRKARGYLRLVPLFVLLALL
VLASAGVLLWYFLGYKAEVMVSQVYSGSLRVLNRHFSQDLTRRESSAFRSETAKAQKMLKELITS
TRLGTYNSSSVYSFGEGPLTCFFWFILQIPEHRRMLLSPEVVQALLVEELLSTVNSSAAVPYRAE
YEVDPEGLVILEASVKDIAALNSTLGCYRYSYVGQGQVRLKGPDLASSCLWHLQGPKDMLKL
RLEWTLAECRDLAMYDVAGPLEKRLITSVYGCSRQEPVVEVLASGAIMAVVWKKGLHSYYDPF
VLSVQPVFQACEVNLTLNRLDSQGVLPSTPYFSPYSPQTHCSWHLTVPSLDYGLALWFDAYA
LRRQKYDLPCTQGQWTIQNRRYHFLSSLWLPFLPPPSLPSSSTVTPSLEAQVPSNLGAARGASR
GWGWCQACCP

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

78

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

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

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — TMPRSS6

Entrez GeneID[164656](#)**GeneBank Accession#**[BC039082.1](#)**Protein Accession#**[AAH39082.1](#)**Gene Name**

TMPRSS6

Gene Alias

IRIDA

Gene Description

transmembrane protease, serine 6

Omim ID[609862](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

Other Designations

OTTHUMP00000028798|membrane-bound mosaic serine proteinase matriptase-2|transmembrane serine protease 6|type II transmembrane serine protease 6

Disease

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- [Anemia](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)