

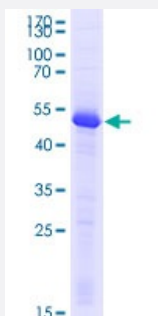
Full-Length

TMPRSS4 (Human) Recombinant Protein (P01)

Catalog # H00056649-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human TMPRSS4 full-length ORF (AAH11703.1, 1 a.a. - 437 a.a.) recombinant protein with GST tag at N-terminal.

Sequence

MLQDPDSDQPLNSLDVKPLRKPRIPMETFRKVGIPIIIALLSLASIIIVVLIKVILDKYYFLCGQPLHFIP
RKQLCDGELDCPLGEDEEHCVKSFPEGPAVAVRLSKDRSTLQVLDSATGNWFSACFDNFTEAL
AETACRQMGYSSKPTFRAVEIGPDQDLVDVEITENSQELMRNSSGPCLSGSLVSLHCLACGKS
LKTPRVVGEEASVDSWPWQVSIQYDKQHVCSSILDPHWLTAHCFRKHTDVFNWKVRAGS
DKLGSFPLAVAKIIIEFNPMYPKDNDIALMKLQFPLTFSGTVRPICLPFFDEELTPATPLWIGWGF
TKQNGGKMSDILLQASVQVIDSTRCNADDAYQGEVTEKMMCAGIPEGGVDTCQGDSSGGPLMYQ
SDQWHVVGIVSWGYGCGGPSTPGVYTKVSAYLNWYNVWKAEL

Theoretical MW (kDa)

73.7

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 — TMPRSS4

Entrez GeneID [56649](#)

GeneBank Accession# [BC011703.2](#)

Protein Accession# [AAH11703.1](#)

Gene Name TMPRSS4

Gene Alias MT-SP2, TMPRSS3

Gene Description transmembrane protease, serine 4

Omim ID [606565](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a member of the serine protease family. Serine proteases are known to be involved in a variety of biological processes, whose malfunction often leads to human diseases and disorders. This gene was identified as a gene overexpressed in pancreatic carcinoma. The encoded protein is membrane bound with a N-terminal anchor sequence and a glycosylated extracellular region containing the serine protease domain. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations membrane-type serine protease 2|transmembrane serine protease 3|type II membrane serine protease