

Product datasheet for **TP302384L**

TMPRSS4 (NM_183247) Human Recombinant Protein

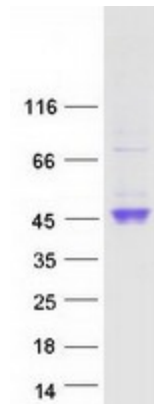
Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human transmembrane protease, serine 4 (TMPRSS4), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202384 protein sequence Red =Cloning site Green =Tags(s)
	MDPDSQPLNSLDVKPLRKPRIPMETFRKVGIPHIIALLSLASIIIVVLIKVILDKYYFLCGQPLHFIP RKQLCDGELDCPLGEDEEHCVKSFPEGPAVAVRLSKDRSTLQVLD SATGNWFSACFDNFTEALAEACRQ MGYSSKPTFRAVEIGPDQDL DVVEITENSQELRMRNSSGPCLSGSLVSLHCLACGKSLKTPRVVGEEAS VDSWPWQVSIQYDKQHVC GGSILDPHWLTA AHCFRKHTDVFNWKVRAGSDKLG SFP SLAVAKIIIEFN PMYPKDN DIALMKLQFPLTFSGTVRPICLPFFDEELTPATPLWIIGWGFTKQNGG
	TR TRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	37.6
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_899070
Locus ID:	56649



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UniProt ID:	Q9NRS4
RefSeq Size:	1983
Cytogenetics:	11q23.3
RefSeq ORF:	1005
Synonyms:	membrane-type serine protease 2; MT-SP2; MT-SP2, TMPRSS3; TMPRSS3; transmembrane protease, serine 4; transmembrane serine protease 3; type II membrane serine protease
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, Jul 2008]
Protein Families:	Druggable Genome, Protease, Transmembrane

Product images:

Coomassie blue staining of purified TMPRSS4 protein (Cat# [TP302384]). The protein was produced from HEK293T cells transfected with TMPRSS4 cDNA clone (Cat# [RC202384]) using MegaTran 2.0 (Cat# [TT210002]).