

Product datasheet for PH302384

TMPRSS4 (NM_183247) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	TMPRSS4 MS Standard C13 and N15-labeled recombinant protein (NP_899070)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202384
Predicted MW:	37.2 kDa
Protein Sequence:	>RC202384 protein sequence Red=Cloning site Green=Tags(s) MDPDSQPLNSLDVKPLRKPRIPIIALLSLASIIIVVLIKVILDKYYFLCGQPLHFIP RKQLCDGELDCPLGEDEEHCVKSFPEGPAVAVRLSKDRSTLQVLDSATGNWFSACFDNFTEALAEACRQ MGYSSKPTFRAVEIGPDQDLVVEITENSQELRMRNSSGPCLSGSLVSLHCLACGKSLKTPRVVGGEEAS VDSWPWQVSIQYDKQHVCGGSILDPHWLTAAHCFRKHTDVFNWKVRAGSDKLGSPSLAVAKIIIEFN PMYPKDNDIALMKLQFPLTFSGTVRPICLPFFDEELTPATPLWIIGWGFTKQNGG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_899070
RefSeq Size:	1983
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



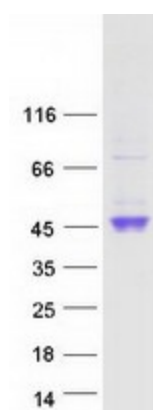
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Locus ID: 56649
UniProt ID: [Q9NRS4](#)
Cytogenetics: 11q23.3

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]).