Recombinant Human TMPRSS4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMPRSS4-4214H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMPRSS4 MS Standard C13 and N15-labeled recombinant protein (NP_063947) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	48.2 kDa
AA Sequence	MLQDPDSDQPLNSLDVKPLRKPRIPMETFRKVGIPIIIALLSLASIIIVVVLIKVILDKYYFL CGQPLHFIPRKQLCDGELDCPLGEDEEHCVKSFPEGPAVAVRLSKDRSTLQVLDSA TGNWFSACFDNFTEALAETACRQMGYSSKPTFRAVEIGPDQDLDVVEITENSQELR MRNSSGPCLSGSLVSLHCLACGKSLKTPRVVGGEEASVDSWPWQVSIQYDKQHVC GGSILDPHWVLTAAHCFRKHTDVFNWKVRAGSDKLGSFPSLAVAKIIIIEFNPMYPKD NDIALMKLQFPLTFSGTVRPICLPFFDEELTPATPLWIIGWGFTKQNGGKMSDILLQA

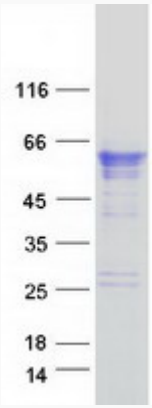
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	SVQVIDSTRCNADDAYQGEVTEKMMCAGIPEGGVDTCQGDSGGPLMYQSDQWHV VGIVSWGYGCGGPSTPGVYTKVSAYLNWIYNVWKAELTRTRPLEQKLISEEDLAAN DILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	TMPRSS4 transmembrane serine protease 4 [Homo sapiens (human)]
Official Symbol	TMPRSS4
Synonyms	TMPRSS4; transmembrane protease, serine 4; transmembrane protease serine 4; membrane type serine protease 2; MT SP2; TMPRSS3; transmembrane serine protease 3; type II membrane serine protease; channel-activating protease 2; membrane-type serine protease 2; CAPH2; MT-SP2;
Gene ID	56649
mRNA Refseq	NM_019894
Protein Refseq	NP_063947

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MIM	606565
UniProt ID	Q9NRS4
SDS-PAGE	

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