

Recombinant Human TMPRSS5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. TMPRSS5-4312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	TMPRSS5 MS Standard C13 and N15-labeled recombinant protein (NP_110397) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a protein that belongs to the serine protease family. Serine proteases are known to be involved in many physiological and pathological processes. Alternative splicing results in multiple transcript variants.
Molecular Mass	49.4 kDa
AA Sequence	MSLMLDDQPPMEAQYAEEGPGPGIFRAEPGDQQHPISQAVCWRSMMRGCAVLGA LGLLAGAGVGSWLLVLYLCPAASQPISGTLQDEEITLSCSEASAEAEALLPALPKTVSF RINSEDFLLEAQVRDQPRWLLVCHEGWSPALGLQICWSLGHRLRTHHKGVNLTDIKL NSSQEFAQLSPRLGGFLEEAWQPRNNCTSGQVVSRLCSECGARPLASRIVGGQSV APGRWPWQASVALGFRHTCGGSVLAPRWVVTAAHCMHSFRLARLSSWRVHAGLV SHSAVRPHQGALVERIIPHPLYSAQNHDYDVALLRLQTALNFSDTVGAVCLPAKEQH FPKGSRCWVSGWGHTHPSHTYSSDMLQDTVVPLLSTQLCNSSCVYSGALTPRMLC AGYLDGRADACQGDSGGPLVCPDGDWRLVGVVSWGRGCAEPNHPGVYAKVAE FLDWIHDTAQDSLTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	TMPRSS5 transmembrane serine protease 5 [Homo sapiens (human)]
Official Symbol	TMPRSS5
Synonyms	TMPRSS5; transmembrane protease, serine 5; transmembrane protease serine 5; MGC141886; MGC148044; spinesin; SPINESIN;
Gene ID	80975
mRNA Refseq	NM_030770
Protein Refseq	NP_110397
MIM	606751
UniProt ID	Q9H3S3

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SDS-PAGE

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