Recombinant Human PRSS42P Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PRSS42P-3743H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PRSS42 MS Standard C13 and N15-labeled recombinant protein (NP_874361) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of a cluster of testis-specific serine proteases. The orthologous mouse gene is expressed during meiosis in pachytene spermatocytes and is required for germ cell survival. This human locus is represented as a pseudogene because it contains an early stop codon that disrupts the trypsin domain, compared to the mouse ortholog.
Molecular Mass	29.8 kDa
AA Sequence	MSSGGGSRGLLAWLLLLQPWPGQNWAGMAAPRLPSPLLSEEGGENPEASPAPGP EAGPPLNLFTSFPGDSLLCGRTPLRIVGGVDAEEGRWPWQVSVRTKGRHICGGTLV TATWVLTAGHCISSRFHYSVKMGDRSVYNENTSVVVSVQRAFVHPKFSTVTTIRNDL ALLQLQHPVNFTSNIQPICIPQENFQVEGRTRCWVTGWGKTPEREKLASEILQDVDQ YIMCYEECNKIIQKALSSTKDVIIKGMVCGYKEQGKDSCQGDSGGRLACEYNDTWV QVGIVSWGIGCGRTRTRPLEQKLISEEDLAANDILDYKDDDDKV
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	PRSS42P serine protease 42, pseudogene [Homo sapiens (human)]
Official Symbol	PRSS42P
Synonyms	PRSS42P; serine protease 42, pseudogene; PRSS42; TESSP2; testis serine protease 2;
Gene ID	339906
mRNA Refseq	NM_182702
Protein Refseq	NP_874361
UniProt ID	Q7Z5A4

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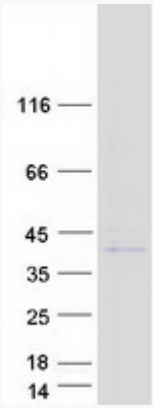
SDS-PAGE	

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