

Product datasheet for PH321595

PRSS42P (NM_182702) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PRSS42 MS Standard C13 and N15-labeled recombinant protein (NP_874361)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC221595
Predicted MW:	29.8 kDa
Protein Sequence:	>RC221595 representing NM_182702 Red=Cloning site Green=Tags(s) MSSGGGSRGLLAWLLLLQPWPGQNWAGMAAPRLPSPLLSEEGGENPEASAPGPEAGPPLNLFTSFPGDSL LLCGRTPLRIVGGVDAEEGRWPQVSVRTKGRHICGGTLVTATWVLTAGHCISRFHYSVKMGDRSVYNE NTSVVVSVQRAFVHPKFSTVTTIRNDLALLQLQHPVNFTSNIQPICIPQENFQVEGRTRCWVTGWGKTPE REKLASEILQDQYIMCYEECNKIIQKALSSTKDVIIKGMVCGYKEQKDKSCQGDSSGRLACEYNDTWV QVGIVSWGIGCGR 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_874361
RefSeq Size:	882
RefSeq ORF:	879
Synonyms:	TESSP2
Locus ID:	339906



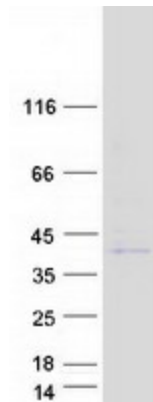
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UniProt ID: [Q7Z5A4](#)

Cytogenetics: 3p21.31

Summary: 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. [provided by RefSeq, Jan 2019]

Product images:



Coomassie blue staining of purified PRSS42 protein (Cat# [TP321595]). The protein was produced from HEK293T cells transfected with PRSS42 cDNA clone (Cat# [RC221595]) using MegaTran 2.0 (Cat# [TT210002]).