

Product datasheet for **TP321595**

PRSS42 (NM_182702) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human testis serine protease 2 (TESSP2), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC221595 representing NM_182702 Red =Cloning site Green =Tags(s)
	 MSSGGGSRGLLAWLLLLQPWPGQNWAGMAAPRLPSPLLSEEGGENPEASPAPGPEAGPPLNLFSTFPGDS LLCGRTPLRIVGGVDAEEGRWPWQVSVRTKGRHICGGTLVTATWVLTAGHCISRFHYSVKMGDRSVYNE NTSVVSVQRAFVHPKFSTVTTIRNDLALLQLQHPVNFTSNIQPICIPQENFQVEGRTRCWWTGWGKTPE REKLASEILQDQYIMCYEECNKIIQKALSSTKDVIKGMVCGYKEQGKDSCQGDSSGRLACEYNDTWV QVGIVSWGIGCGR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	29.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_874361</u>
Locus ID:	339906

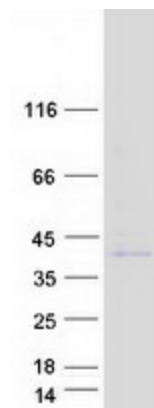


[View online »](#)

UniProt ID: [Q7Z5A4](#)
RefSeq Size: 882
Cytogenetics: 3p21.31
RefSeq ORF: 879
Synonyms: TESSP2

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]).