

Product datasheet for TP323202

PSPC1 (NM_001042414) Human Recombinant Protein

Product data:

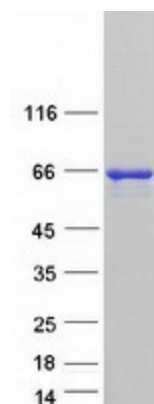
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human paraspeckle component 1 (PSPC1), transcript variant alpha, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC223202 representing NM_001042414 Red =Cloning site Green =Tags(s)
	<p>MMLRGNLQVRIEKNPARLRALESARGESEPAAMALALAGEPAPPAPAPPEDHPDEEMGFTIDIKSF LKPGEKTYTQRCRLFVGNLPTDITEEDFKRLFERYGEPSEVFINRDRGFGFIRLESRTLAEIAKAELDGT ILKSRPLRIRFATHGAALTVKNLSPVSNELLEQAQFGPVEKAVVVVDDRGRATGKGFVEFAAKPPAR KALERCDDGAFLLTTTPRVIVPEMEQFDDDEDGLPEKLMQKTQQYHKEREQPPRFAQPGTFEFYASRWK ALDEMEKQQREQVDRNIREAKEKLEAEMEAARHEHQLMLMRQDLMRQEELRRLEELRNQELQKRKQI QL RHEEEHRRREEEMIRHREQEELRRQQEGFKPNYEMENREQEMRMGDMGPRGAINMGDAFSPAPAGNQ GPPP MMGMNMNNRATIPGPPMGPMPGAMGPEGANMGTMPMPDNGAVHNDRFQGPSPQMGSPMGS TGSETPQA PMSGVGPVSGGPGGFGRGSQGGNFEGPNKRRRY</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	58.6 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.



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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:	NP_001035879
Locus ID:	55269
UniProt ID:	Q8WXF1
RefSeq Size:	2077
Cytogenetics:	13q12.11
RefSeq ORF:	1569
Synonyms:	PSP1
Summary:	This gene encodes a nucleolar protein that localizes to punctate subnuclear structures that occur close to splicing speckles, known as paraspeckles. These paraspeckles are composed of RNA-protein structures that include a non-coding RNA, NEAT1/Men epsilon/beta, and the Drosophila Behavior Human Splicing family of proteins, which include the product of this gene and the P54NRB/NONO and PSF/SFPQ proteins. Paraspeckles may function in the control of gene expression via an RNA nuclear retention mechanism. The protein encoded by this gene is found in paraspeckles in transcriptionally active cells, but it localizes to unique cap structures at the nucleolar periphery when RNA polymerase II transcription is inhibited, or during telophase. Alternative splicing of this gene results in multiple transcript variants. A related pseudogene, which is also located on chromosome 13, has been identified. [provided by RefSeq, Aug 2011]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified PSPC1 protein (Cat# TP323202). The protein was produced from HEK293T cells transfected with PSPC1 cDNA clone (Cat# [RC223202]) using MegaTran 2.0 (Cat# [TT210002]).