

Product datasheet for **TP317252L**

JLP (SPAG9) (NM_003971) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human sperm associated antigen 9 (SPAG9), transcript variant 3, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC217252 representing NM_003971
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MELEDGVVYQEEPGGSGAVMSERVSLAGSIYREFERLIGRYDEEVKELMPLVAVLENLDSVFAQDQE
 HQVELELLRDDNEQLITQYEREKALRKHAEEKFIEFEDSQEQEKDLQTRVESLESQTRQLELKAKNYAD
 QISRLEEREAELEKKEYNALHQRHTEMIHNYMEHLERTKLHQLSGSDQLESTAHSRIRKERPISLGIFPLP
 AGDGLLTPDAQKGGETPGSEQWKFQELSQPRSHSLKDELSQGGSKATTPASTANSQVATIPTDTPPL
 KEENEGFVKVTDAPNKSEISKHIEVQVAQETRVNSTGSAENEEKSEVQAIESTPELMDMDKDLGSGYKGS
 TPTKGIENTAFDRNTESLFEELSSAGSLIGDVGADLLGMGREVENLILENTQLLETKNALNIVKNDL
 IAKVDELTCEDVLQGELEAVKQAKLKLEKNRELEELRKARAEADARQKAKDDDDSDIPTAQRKRFT
 RVEMARVLMERNQYKERLMELQEAVRWTEIRASRENPMQEKKRSSIWQFFSRLFSSSSNTTKPEPPV
 NLKYNAPTSHVTPSVKKRSSTLSQLPGDKSKAFDFLSEETEASLASRREQKREQYRQVKAHVQKEDGRVQ
 AFGWSPQKYKQVTNGQGENKMNLPVPVYLRPLDEKDTSMKLWCAVGVNLSGGKTRDGGSVVGASVFYK
 DVAGLDTEGSKQRSASQSSLDKLDQELKEQQKELKNQEELSSLVWICTSTHSATKVLIIIDAVQPGNILD
 FTVCNSHVLCIASVPGARETDYPAGEDLSESGQVDKASLCGSMSTNSSAETDLSLLGGITVVGCSAEGVTG
 AATSPSTNGASPVMDKPPMEAEENSEVDENVPTAEAEATEEGNAGSAEDTVDISQTGVYTEHVFTDPLG
 VQIPEDLSPVYQSSNDSAYKDQISVLPNEQDLVREEAQKMSSLLPTMWLGAQNGCLYVHSSVAQWRKCL
 HSIKLKDSILSIVHVKGIVLVALADGTLAIFHRGVDGQWDLSNYHLLDLGRPHHSIRCMTVVHDKVWCGY
 RNKIYVVPKAMKIEKSFDAHPRKESQVRQLAWVGDGVVWSIRLDSTLRLYHAHTYQHLQDVDEIPYVSK
 MLGTGKLGFSFVRITAMVSCNRLWVGTVNGVVIISPLTETNKTSGVPGNRPGSVIRVYGDENSQKVTGP
 TFIYCSMAHAQLCFHGHRAVKKFFAVPGQVISPQSSSGTDLTGDKAGPSAQEPGSQTPLKSMLVISG
 GEGYIDFRMGDEGGESELLGEDLPLEPSVTKAERSHLIVWQVMYGNE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

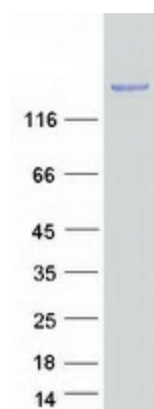
Tag:	C-Myc/DDK
Predicted MW:	144.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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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_003962</u>
Locus ID:	9043
UniProt ID:	<u>O60271</u>
RefSeq Size:	4663
Cytogenetics:	17q21.33
RefSeq ORF:	3921
Synonyms:	CT89; HLC-6; HLC4; HLC6; JIP-4; JIP4; JLP; PHET; PIG6
Summary:	This gene encodes a member of the cancer testis antigen gene family. The encoded protein functions as a scaffold protein that structurally organizes mitogen-activated protein kinases and mediates c-Jun-terminal kinase signaling. This protein also binds to kinesin-1 and may be involved in microtubule-based membrane transport. This protein may play a role in tumor growth and development. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Oct 2011]

Product images:



Coomassie blue staining of purified SPAG9 protein (Cat# [TP317252]). The protein was produced from HEK293T cells transfected with SPAG9 cDNA clone (Cat# [RC217252]) using MegaTran 2.0 (Cat# [TT210002]).