

## Product datasheet for TP317252M

### 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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC217252 representing NM_003971
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MELEDGWVYQEEPGGSGAVMSERVSGLAGSIYREFERLIGRYDEEVKELMPLVAVLENLDSVFAQDQE  
 HQVELELLRDDNEQLITQYEREKALRKHAEEKFIEFEDSQEQEKDLQTRVESLESQTRQLELKAKNYAD  
 QISRLEEREAEKKEYNALHQRHTEMIHNYMEHLERTKLHQLSGSDQLESTAHSRIRKERPISLGIFPLP  
 AGDGLLTPDAQKGGGETPGSEQWKFQELSQPRSHSLKDELSQGGSKATTPASTANSDVATIPTDTPPL  
 KEENEGFVKVTDAPNKSEISKHIEVQVAQETRNSTGSAENEEKSEVQAIIESTPELDMDKDLSGYKGGSS  
 TPTKGIENKAFDRNTESLFEELSSAGSGLIGDVDEGADLLGMGREVENLILENTQLLETKNALNIVKNDL  
 IAKVDELTCCKDVLQGELEAVKQAKLKLEEKNRELEELRKARAEAEARQKAKDDDDSDIPTAQRKRFT  
 RVEMARVLMERNQYKERLMELQEAVRWTEMIRASRENPAHQEKKRSSIWQFFSRLFSSSSNTTKPEPPV  
 NLKYNAPTSHVTPSVKRSSTLSQLPGDKSKAFDFLSEETEASLASRREQREYRQVKAHVQKEDGRVQ  
 AFGWSPQKYKQVTNGQGENKMNLPVPVYLRPLDEKDTSMKLWCAVGNLSSGGKTRDGGSVVGASVFK  
 DVAGLDTEGSKQRSASQSSLDKLDQELKEQQKELKNQEELSSLVWICTSTHSATKVLIIIDAVQPGNILDS  
 FTCNSHVLCIASVPGARETDYPAGEDLSESGQVDKASLCGSMSTNSSAETDSSLGGITVVGCSAEGVTG  
 AATSPSTNGASPVMKPPPEMAENSEVDENVPTAEAEATEATEGNAGSAEDTVDISQTVGYTEHVFTDPLG  
 VQIPEDLSPVYQSSNDSAYKDQISVLPNEQDLVREEAQKMSSLLPTMWLGAQNGCLYVHSSVAQWRKCL  
 HSIKLDKDSILSIVHVKGIVLVALADGTLAIFHRGVDGQWDLSNYHLLDLGRPHHSIRCMTVVHDKVWCGY  
 RNKIYVVPKAMKIEKSFDAHPRKESQVRQLAWVGDGVVWSIRLDSTLRLYHAHTYQHLQDVIEPYVSK  
 MLGTGKLGFSFVRITALMVSCNRLWVGTGNGVIISPLTETNKTSGVPGNRPGSVIRVYGDENSQKVTGP  
 TFIPYCSMAHAQLCFHGHRDAVKFFVAVPGQVISPQSSSGTDLTGDKAGPSAQEPGSQTPKLSMLVISG  
 GEGYIDFRMGDEGGESELLGEDLPLEPSVTKAERSHLIVWQVMYGN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

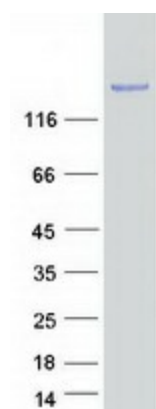
Tag:	C-Myc/DDK
Predicted MW:	144.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method



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<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003962</a>
<b>Locus ID:</b>	9043
<b>UniProt ID:</b>	<a href="#">O60271</a>
<b>RefSeq Size:</b>	4663
<b>Cytogenetics:</b>	17q21.33
<b>RefSeq ORF:</b>	3921
<b>Synonyms:</b>	CT89; HLC-6; HLC4; HLC6; JIP-4; JIP4; JLP; PHET; PIG6
<b>Summary:</b>	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]).