

Product datasheet for **TP511105**

Spag1 (NM_012031) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sperm associated antigen 1 (Spag1), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR211105 representing NM_012031 Red =Cloning site Green =Tags(s)
	MTAKAKDCPSLWGFGTTFKPIEHLDFKYIENCSDVKHLEKILYVLRSGEEGYYPTEFCEKCLTNL APKSRLRKDKPAETASSFSAEEWEKIDSDLKSWVSEIKREENTCHFDPENHPGVEDPLPPVRGSTCCP HSGKETYSKSKTAKKRIPRDYAEWDKFDVEKECSKIDEDYKEKTVINNKAHLSKIETKIETAGLTEKEKS FLANREKGKGNEAFYSGDYEEAVMYTRSLALPTAIYNNRAQAEIKLQRWSSALEDCEKALELDPGNV KALLRRATTYKHQNKQLQEAVDLRLKVLQVEPDNDLAKKTLSEVERDLKNSEPVSELQTKGKRMVIEVEN SGDEGGKGSADEREDGGSDEAAMGNIQKKLMVRRSEGGRRSRGRTPGPRAEQQGLRETATAGDSH Y PEEPRAADNPSSLKRRGNELFRGGQFAEAAAQYSVAIAQLEPTGSANADELSILYSNRAACYLKEGNCRD CIQDCNRALELHPFSVKPLRRAMAYETLEQYRNAYVDYKTVLQIDCGIQLASDSANRIARILTELDGSK WRERLPPIPAVPTSEPLRVWLPAETPDQDPCPNNCMPSTDEKMFQALKEEGNQLVKDKNYKDAISKYN ECLKINSKACAIYTNRALCYLKGQFEEAKLDCEQALQIDGENVKASHRLALAQKGLENCRESGVDPSQV LLSPDSSEAAARHLDTKNDTAPPSKGRERRRIQVQEVDGSSDEEPERPAEASATSAPARDGVEDGGSAEPA EKLDVSKPTNAYEFGQVLSTISARKDEEACAHLLAITAPKDLPLLLSNKLEGDTFLLLIQSLKSHLVAKD PSLVYEHLLYLSKAERFKTMLTLINKGQKEQMAQLFDGLSDTQSDGLTAEDVQALRRQYEL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	100.7 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



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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 after receiving vials.
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_036161
Locus ID:	26942
UniProt ID:	Q80ZX8
RefSeq Size:	3270
Cytogenetics:	15 B3.1
RefSeq ORF:	2703
Synonyms:	tpis
Summary:	May play a role in the cytoplasmic assembly of the ciliary dynein arms (By similarity). May play a role in fertilization. Binds GTP and has GTPase activity (By similarity).[UniProtKB/Swiss-Prot Function]