

Product datasheet for TP522592

Spag16 (NM_029160) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sperm associated antigen 16 (Spag16), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR222592 representing NM_029160 Red=Cloning site Green=Tags(s)

MAAPSGVPLRVLEELGIGLSPTGEVTEAVTSEGAYYLEQVTITETSEDECEYEEIPDDNFSIPEGEEDL
EKAIHIIIGEQARDIHILEQQTILPARNVMQEAIEDFLCNFLIKMGMTRTLDCFQAEWYELIQKKGSDFKG
LGNVPDVYSQVMLEETENKNLKKELKHFQAAEKAKEDLLRTQKERDFHRMHKRVQEKNKLIADLKGL
KLHYASYEPTIRVLHEKHHALLKEKMLTSLERDRAVGKISGLQATLKNIDMGHIQVPVIKGSYESASITR
ESGDRAGHSCEKENSSEGPTQKSLREAREEVGYKSKLKNEKKDSEFPVDMQPDNPVTSTENVSAAKFDY
KLNNIFRLHELPVSCIVMHPCRDYLI SCEDRLWKMGVLPQGNVLLTGS GHTDWLSGCCFHPSGSKLATS
SGDSTIKLWDLNKGECTLTLEGHNHAWWSCTWHS CGDFVASASLDMTSKIWDVNSERCRTLYGHTDSVN
SIEFFPFSNILLTASADKTL SVWDARTGKCEQSLYGHMHSVNDATFTPRGHIIASCDARGVTKLWDFRKL
IPIVSIDVGPSSGNEVNFQSGRVLAQASANGIIHLLDLKSGQIHKLVGHESEVHSVVFSLHGENLYSGG
SDGTIRLWI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	71.5 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
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.



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RefSeq:	<u>NP_083436</u>
Locus ID:	66722
UniProt ID:	<u>Q8K450</u>
RefSeq Size:	2144
Cytogenetics:	1 C3
RefSeq ORF:	1917
Synonyms:	4921511D23Rik; 4930524F24Rik; 4930585K05Rik; AV261009; Pf20; Wdr29
Summary:	Necessary for sperm flagellar function. Plays a role in motile ciliogenesis. May help to recruit STK36 to the cilium or apical surface of the cell to initiate subsequent steps of construction of the central pair apparatus of motile cilia.[UniProtKB/Swiss-Prot Function]