

## Recombinant Mouse Spag1 Protein, Myc/DDK-tagged

Cat. No. Spag1-6068M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length sperm associated antigen 1 (Spag1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	May play a role in the cytoplasmic assembly of the ciliary dynein arms. May play a role in fertilization. Binds GTP and has GTPase activity.
<b>Molecular Mass</b>	100.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method
<b>Storage Buffer</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

### GENE INFORMATION

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<b>Gene Name</b>	Spag1 sperm associated antigen 1 [ Mus musculus (house mouse) ]
<b>Official Symbol</b>	Spag1
<b>Synonyms</b>	Spag1; sperm associated antigen 1; t; tpis; sperm-associated antigen 1; TPR-containing protein involved in spermatogenesis; infertility-related sperm protein Spag-1
<b>Gene ID</b>	26942
<b>mRNA Refseq</b>	NM_012031
<b>Protein Refseq</b>	NP_036161
<b>UniProt ID</b>	Q80ZX8

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