

Recombinant Mouse Spag1 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sperm associated antigen 1 (Spag1), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	100.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

GENE INFORMATION

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

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