Recombinant Mouse Spag16 Protein, Myc/DDK-tagged

Cat. No. Spag16-6069M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length sperm associated antigen 16 (Spag16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	71.5 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	Spag16 sperm associated antigen 16 [Mus musculus (house mouse)]
Official Symbol	Spag16
Synonyms	SPAG16; sperm associated antigen 16; sperm-associated antigen 16 protein; pf20 protein homolog; sperm-associated WD repeat protein; Pf20; Wdr29; AV261009; 4921511D23Rik; 4930524F24Rik; 4930585K05Rik
Gene ID	66722
mRNA Refseq	NM_029160
Protein Refseq	NP_083436
UniProt ID	Q8K450

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