

Recombinant Full Length Mouse Sperm-Associated Antigen 4 Protein(Spag4) Protein, His-Tagged

Cat. No. RFL6261MF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Mouse Sperm-associated antigen 4 protein(Spag4) Protein (Q9JJF2) (1-443aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Full Length (1-443)
Form	Lyophilized powder
AA Sequence	MRRSPRSGSAASSHNHTPNFYSENSNSSHSATSGDSNGRRSAGPELGEPEGRRA RGSSCG EPALSPGMPGGDTWAGSSRPKLAPRSHNGQTACGAATVRGGASEPSG SSVVLEEQLNLLP ILDLRQEMPTPRVSKSFLSLLFQVLSMVLSLAVDGLVCVCREICS IRFLFTAVSLLSIFL AALWWGLLYLIPPLENEPTEMLTSLQYHHRVHSQGQQLQQLQ AELNKLHKEVSSVRAAHS ERVAKLVFQRLNEDFVRKPDYALSSVGASIDLEKTSSDY EDQNTAYFWNRLSFWNYARPP SVILEPDVFPGNCWAFEGDKGQVVIRLPGHVQLS DITLQHPPTVAHTGGASSAPRDFAV YGLQADDETEVFLGKFIFDVQKSEIQTFHLQ NDPPSAFPKVKIQILSNWGHPRFTCLYRV RAHGVRTSEWADDNATGVTGGPH
Purity	Greater than 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

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Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	Spag4
Synonyms	Spag4; MNCb-0953; Sun4; Sperm-associated antigen 4 protein; Outer dense fiber-associated protein SPAG4; SUN domain-containing protein 4
UniProt ID	Q9JJF2

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