

Recombinant Human SPATS1 protein, His-tagged

Cat. No. SPATS1-2545H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPATS1 protein(1-300 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-300 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	MSPSMLTGNSPRGCRLPSSISSTTCGRQLEKVPEKRDSGMTEVERTYSANCSDFLES KGCFAANTTPSGKSVSSSSSVETGPSVSEPPGLPRVSAYVDTTADLDRKLSFSHSDH SSEMSLPEVQKDKYPEEFSLKLQTKDGRPEWTFYPRFSSNIHTYHVGKQCFFNG VFLGNKRSLSERTVDKCFGRKKYDIDPRNGIPKLTPGDNPYMYPEQSKGFHKAGSM LPPVNFIVPYEKKFDTFIPLEPLPQIPNLPFWVKEKANSKNEIQEVEELDNWQPAV PLMHMLHLGALDFPRQS
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name

SPATS1 spermatogenesis associated, serine-rich 1 [Homo sapiens]

Official Symbol

SPATS1

Synonyms

SPATS1; spermatogenesis associated, serine-rich 1; spermatogenesis-associated serine-rich protein 1; FLJ25442; SPATA8; SRSP1; DDIP; MGC119210; MGC119211; MGC119212; MGC119213; MGC133020;

Gene ID

221409

mRNA Refseq

NM_145026

Protein Refseq

NP_659463

UniProt ID

Q496A3

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