

Recombinant Human SPAG11A protein, His-tagged

Cat. No. SPAG11A-3735H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPAG11A protein(1-123 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-123 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	MRQRLLPSVTSLLLVALLPFGSSQARHVNHSATEALGELRERAPGQGTTNGFQLLRH AVKWDLLPPRTPPYQVHISHQEARGPSFKICVGFGLGPRWARGCSTGNEKYHLPYAA RDLQTFFLPFW
Purity	85%, 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 cycles.
Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.

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

GENE INFORMATION

Gene Name	SPAG11A sperm associated antigen 11A [Homo sapiens]
Official Symbol	SPAG11A
Synonyms	SPAG11A; sperm associated antigen 11A; sperm-associated antigen 11A; EDDM2A; epididymal protein 2A; HE2; sperm antigen HE2; human epididymis-specific protein 2;
Gene ID	653423
mRNA Refseq	NM_001081552
Protein Refseq	NP_001075021
UniProt ID	Q6PDA7

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