

Recombinant Human SPATA2 protein, His-tagged

Cat. No. SPATA2-2789H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPATA2 protein(171-520 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	171-520 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	VECEQMLEIHSQVKDKGYSELDIVSERKSSAEDVRGCSDALRRRAEGREHLTASMS RVALQKSASERAADYYKPRVTKPSRSVDAYDSYWESRKPLKASLSLRKEPVATD VGDDLKDEIIRPSPSLLTMASSPHGSPDVLPPASPSNGPALLRGTYFSTQDDVDLYT DSEPRATYRRQDALRPDVWLLRNDASHLYHKRSPPAKESALSKCQSCGLSCSSSL CQRCDSLLTCPPASKPSAFPSKASTHDSLHAGSLREKYPGQTQGLDRLPHLHSSK KPSTTPTSRCGFCNRPGATNTCTQCSKVSCDACLSAYHYDPCYKKSELHKFMPNN QLNYKSTQLSHLVYR
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

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

GENE INFORMATION

Gene Name SPATA2 spermatogenesis associated 2 [Homo sapiens]

Official Symbol SPATA2

Synonyms

SPATA2; spermatogenesis associated 2; spermatogenesis-associated protein 2; KIAA0757; PD1; tamo; spermatogenesis associated PD1; spermatogenesis-associated protein PD1; FLJ13167;

Gene ID 9825

mRNA Refseq NM_001135773

Protein Refseq NP_001129245

MIM 607662

UniProt ID Q9UM82

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