

Recombinant Human SPATA22 protein, His-tagged

Cat. No. SPATA22-2576H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPATA22 protein(1-363 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-363 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.
AASequence	MKRSLNENSARSTAGCLPVPLFNQKKRNRQPLTSNPLKDDSGISTPSDNYDFPPLP TDWAVEAVNPELAPVMKTVDTGQIPHSVSRPLRSQDSVFNSIQSNTGRSQGGWSY RDGNKNTSLKTWNKNDFKPQCKRTNLVANDGKNSCPMSSGAQQKQLRTPEPPN LSRNKETELLRQTHSSKISGCTMRGLDKNSALQTLKPNFQQNQYKKQMLDDIPEDN TLKETSLYQLQFKEKASSLRISAVIESMKYWREHAQKTVLLFEVLAVLDSAVTPGPY YSKTFLMRDGNKTLPCVFYEIDRELPLIRGRVHRCVGNQYDQKKNIFQCVSVRPASV SEQKTFQAFVKIADVEMQYYINVMNET
Purity	80%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name

SPATA22 spermatogenesis associated 22 [Homo sapiens]

Official Symbol

SPATA22

Synonyms

SPATA22; spermatogenesis associated 22; spermatogenesis-associated protein 22; NYD SP20; testes development-related NYD-SP20; testis development protein NYD-SP20; NYDSP20; NYD-SP20;

Gene ID

84690

mRNA Refseq

NM_001170695

Protein Refseq

NP_001164166

UniProt ID

Q8NHS9

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SDS-PAGE



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