

Recombinant Human SPZ1 protein, His-tagged

Cat. No. SPZ1-3356H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPZ1 protein(1-430 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-430 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	MASSAKSAEMPTISKTLNPTDPHQEYLDPRITIALFEIGSHSPSSWGSLPFLKNSSH QVTEQQTAQKFNNLLKEIKDILKNMAGFEEKITEAKELFEETNITEDVSAHKENIRGLD KINEMLSTNLPVSLAPEKEDNEKKQEMILETNITEDVSAHKENIRGLDKINEMLSTNLP VSLAPEKEDNEKKQQMIMENQSENTAQVFARDLVNRLEEKVNLNETQQSQEKAK NRLNVQEETMKIRNNMEQLLQEAHWSKQHTELSKLIKSQKSQKDISETLGNGV GFQTQPNNEVSAKHELEEQVKKLSHDTYSLQLMAALLENECQILQQRVEILKELHHQ KQGTLEKPIQINYKQDKKNQKPSEAKKVEMYKQNKQAMKGTFWKKDRSCRSLDV CLNKKACNTQFNIHVARKALRGKMRSASSLR
Purity	85%, 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,

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reconstitution with sterile water and addition of an equal volume of glycerol. Avoid 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 SPZ1 spermatogenic leucine zipper 1 [Homo sapiens]

Official Symbol SPZ1

Synonyms

SPZ1; spermatogenic leucine zipper 1; spermatogenic leucine zipper protein 1; FLJ25709; NYD TSP1; spermatogenic zip 1; testis-specific protein 1; NYD-TSP1;

Gene ID 84654

mRNA Refseq NM_032567

Protein Refseq NP_115956

UniProt ID Q9BXG8

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SDS-PAGE

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