

Recombinant Human PSPC1 protein, His-tagged

Cat. No. PSPC1-2038H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSPC1 protein(1-351 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-351 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	MMLRGNLKGVRIEKNPARLRALESARGESEPAAMALALAGEPAPPAPAPPEDH PDEEMGFTIDIKSFLKPGKTYTQRCRLFVGNLPTDITEEDFKRLFERYGEPSEVFIN RDRGFGFIRLESRTLAEIAKAELDGTLKSRPLRIRFATHGAALTVKNLSPVVSNELLE QAFSQFGPVEKAVVVVDDRGRATGKGFVEFAAKPPARKALERC GDGAFLTTTPRP VIVEPMEQFDDDEDGLPEKLMQKTQQYHKEREQPPRFAQPGTFEFYASRWKALDE MEKQQREQVDRNIREAKEKLEAEMEAARHEHQLMLMRQDLMRRQEELRRLEELRN QELQKRKQIQLR
Purity	90%, 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 [PSPC1 paraspeckle component 1 \[Homo sapiens \]](#)

Official Symbol [PSPC1](#)

Synonyms PSPC1; paraspeckle component 1; FLJ10955; PSP1; paraspeckle protein 1; FLJ33554; DKFZp566B1447;

Gene ID [55269](#)

mRNA Refseq [NM_001042414](#)

Protein Refseq [NP_001035879](#)

MIM [612408](#)

UniProt ID [Q8WXF1](#)

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