

Recombinant Human SP3 protein, His-tagged

Cat. No. SP3-3509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SP3 protein(412-590 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	412-590 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	IVQGITPQTIHGVQASGQNISQQALQNLQLQLNPGTFLIQAQTVTPSGQVTWQTFQV QGVQNLQNLQIQNTAAQQITLTPVQTLTLGQVAAGGAFTSTPVSLSTGQLPNLQTVT VNSIDSAGIQLHPGENADSPADIRIKEEPPDPEEWQLSGDSTLNTNDLTHLRVQVVD EEGDQQHQ
Purity	95%, 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.

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Reconstitution Reconstitute at 0.25 µg/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	SP3 Sp3 transcription factor [Homo sapiens]
Official Symbol	SP3
Synonyms	SP3; Sp3 transcription factor; transcription factor Sp3; SPR 2; specificity protein 3; GC-binding transcription factor Sp3; SPR2; DKFZp686O1631;
Gene ID	6670
mRNA Refseq	NM_001017371
Protein Refseq	NP_001017371
MIM	601804
UniProt ID	Q02447

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