

Recombinant Human RPA2 protein, His-tagged

Cat. No. RPA2-3892H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPA2 protein(80-270 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	80-270 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	IRHAEKAPTNIVYKIDDMTAAAPMDVRQWVDTDDTSSSENTVVPPEYVKVAGHLRSFQ NKKSLVAFKIMPLEDMNEFTTHILEVINAHMVLSKANSQPSAGRAPISNPGMSEAGN FGGNSFMPANGLTVAQNQVLNLIKACPRPEGLNFQDLKNQLKHMSVSSIKQAVDFL SNEGHIYSTVDDDDHFKSTDAE
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 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	RPA2 replication protein A2, 32kDa [Homo sapiens]
Official Symbol	RPA2
Synonyms	RPA2; replication protein A2, 32kDa; replication protein A2 (32kD); replication protein A 32 kDa subunit; RP-A p32; RP-A p34; RF-A protein 2; replication factor A protein 2; replication protein A 34 kDa subunit; REPA2; RPA32;
Gene ID	6118
mRNA Refseq	NM_002946
Protein Refseq	NP_002937
MIM	179836
UniProt ID	P15927

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