

Recombinant Human RPA1 protein, His-SUMO-tagged

Cat. No. RPA1-3439H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPA1 protein(P27694)(2-616aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	2-616aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	84 kDa
AA Sequence	VGQLSEGAIAAIMQKGDNIKPILQVINIRPITGNSPPRYRLMSDGLNTLSSFMLAT QLNPLVEEEQLSSNCVCQIHRFIVNTLKDGRRVVILMELEVLSAEAVGVKIGNPVYPY NEGLGQPQVAPPAPAASPAASSRPQPQNGSSGMGSTVSKAYGASKTFGKAAGPSL SHTSGGTQSKVVPIASLTPYQSKWTICARVTNKSQIRTWSNSRGEGKLFSLVLDES GEIRATAFNEQVDKFFPLIEVNVKYYFSKGTCLKIANKQFTAVKNDYEMTFNNETSVM CEDDHHLPTVQFDFTGIDDLNKS KDSLVDIIGICKSYEDATKITVRSNNREVAKRNIY LMDTSGKVVTATLWGEDADKFDGSRQPVLAIKGARVSDFGGRSLSVLSSSTIIANPDI PEAYKLRGWFDAEGQALDGVVISDLKSGGVGGSNTNWKTLYEVKSENLGQGDKPD YFSSVATVVYLRKENCMYQACPTQDCNKKVIDQQNGLYRCEKCDTEFPNFKYRMIL

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SVNIADFQENQWVTCFQESAEAILGQNAAYLGELKDKNEQAFEEVFQNaNFRSFIFR
VRVKVETYNDESRIKATVMDVKPVDYREYGRRLVMSIRRSALM

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%.

GENE INFORMATION

Gene Name [RPA1 replication protein A1, 70kDa \[Homo sapiens \]](#)

Official Symbol [RPA1](#)

Synonyms RPA1; replication protein A1, 70kDa; replication protein A1 (70kD); replication protein A 70 kDa DNA-binding subunit; HSSB; REPA1; RF A; RP A; RPA70; MSTP075; RP-A p70; RF-A protein 1; replication factor A protein 1; single-stranded DNA-binding protein; RF-A; RP-A; MST075;

Gene ID [6117](#)

mRNA Refseq [NM_002945](#)

Protein Refseq [NP_002936](#)

MIM [179835](#)

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UniProt ID

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