

## Recombinant Human RPA1 protein, His-SUMO-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RPA1 protein(P27694)(2-616aa), fused to N-terminal His-SUMO tag, was expressed in E. coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	2-616aa
<b>Form</b>	<p>If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.</p> <p>If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.</p>
<b>Molecular Mass</b>	84 kDa
<b>AA Sequence</b>	<p>VGQLSEGAIAAIMQKGDNIKPIQVINIRPITGNSPPRYRLLMSDGLNLTSSFMLAT          QLNPLVEEEQLSSNCVCQIHRFIVNTLKDGRRVVILMELEVLKSAEAVGVKIGNPV          NEGLGQPQVAPPAPAASPAASSRQPQNGSSGMGSTVSKAYGASKTFGKAAGPSL          SHTSGGTQSKVVPIASLTPYQSKWTICARVTNKSQIRTWSNSRGEKLFSLVDES          GEIRATAFNEQVDKFFPLIEVNKVYYFSKGTCLKIANKQFTAVKNDYEMTFNNETS          VMP CEDDHHLPTVQDFDTGIDDLENKSKDSLVDIIGICKSYEDATKITVRSNNRE          VAKRNIY LMDTSGKVVTATLWGEDADKFDGSRQPVLAIKGARVSDFGGRSLSVL          SSSTIIANPDI PEAYKLRGWFDAEGQALDGVVISDLKSGGVGGSNTNWKTLYE          VKSENLGQGDKPD YFSSVATVVYLRKENCMYQACPTQDCNKKVIDQQNGLYRCE          KCDTEFPNFKYRMIL</p>

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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 multiple 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

P27694

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