

## Recombinant Human RPA1 protein, GST-tagged

Cat. No. RPA1-31147H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human RPA1 protein(317-616 aa), fused with GST tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	317-616 aa
<b>Form</b>	The purified protein was Lyophilized from sterile PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
<b>AA Sequence</b>	VDIIGICKSYEDATKITVRSNNREVAKRNIYLMDSGKVVTTATLWGEDADKFDGSRQP VLAIKGARVSDFGGRSLSVLSSSTIIANPDIPEAYKLRGWFDAEGQALDGSVISDLKS GGVGGSNNTNWKTLYEVKSENLGQGDKPDYFSSVATVVYLRKENCMYQACPTQDC NKKVIDQQNGLYRCEKCDTEFPNFKYRMILSVNIADFQENQWVTCFQESAEAILGQN AAYLGELKDKNEQAFEEVFQANFRSFIFRVRVKVETYNDESRIKATVMDVKPVDYR EYGRRLVMSIRRSALM
<b>Purity</b>	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
<b>Storage</b>	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

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cycles.

**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**

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

**UniProt ID**

P27694

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