

Recombinant Human RPA1 protein, GST-tagged

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

SPECIFICATION

Product Overview	Recombinant Human RPA1 protein(317-616 aa), fused with GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	317-616 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	VDIIGICKSYEDATKITVRSNNREVAKRNIYLMDTSGKVVTATLWGEDADKFDGSRQP VLAIKGARVSDFGGRSLSVLSSSTIIANPDIPAYKLRGWFDAEGQALDGVVISDLKS GGVGGSENTNWKTLYEKSENLGQGDKPDYFSSVATVVYLRKENCMYQACPTQDC NKKVIDQQNGLYRCEKCDTEFPNFKYRMILSVNIADFQENQWVTCFQESAEAILGQN AAYLGELKDKNEQAFEEVFQANANFRSFIFRVRVKVETYNDESRIKATVMDVKPVDYR EYGRRLVMSIRRSALM
Purity	85%, 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

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cycles.

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

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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