

Recombinant Human RPA1, GST-tagged

Cat. No. RPA1-2366H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human RPA1 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-300aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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; R

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Gene ID	6117
mRNA Refseq	NM_002945
Protein Refseq	NP_002936
MIM	179835
UniProt ID	P27694
Chromosome Location	17p13.3
Pathway	Activation of ATR in response to replication stress, organism-specific biosystem; Activation of the pre-replicative complex, organism-specific biosystem; Assembly of the RAD51-ssDNA nucleoprotein complex, organism-specific biosystem; Cell Cycle, organism-
Function	DNA binding; chromatin binding; metal ion binding; protein binding; single-stranded DNA binding;

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