

Recombinant Human RPA2, T7 -tagged

Cat. No. RPA2-30437TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein, corresponding to Human RPA32 fused with T7 tag at N-terminus.
Species	Human
Source	E.coli
Description	Replication Protein A (RPA) is a single stranded DNA binding protein. Human RPA is a heterotrimeric protein containing subunits of 14, 32 and 70kDa.
Conjugation	T7
Form	Liquid
Purity	>95% by SDS-PAGE
Storage buffer	Preservative: 0.002% Sodium Azide Constituents: 0.1% Triton-X-100, 10mM Tris, pH 8.0
Storage	Aliquot and store at -80°C. Avoid repeated freeze / thaw cycles.
Full Length	Full L.

GENE INFORMATION

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Gene Name	RPA2 replication protein A2, 32kDa [Homo sapiens]
Official Symbol	RPA2
Synonyms	RPA2; replication protein A2, 32kDa; replication protein A2 (32kD); replication protein A 32 kDa subunit;
Gene ID	6118
mRNA Refseq	NM_002946
Protein Refseq	NP_002937
MIM	179836
Uniprot ID	P15927
Chromosome Location	1p35
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 Checkpoints, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
Function	DNA binding; nucleic acid binding; protein N-terminus binding; protein binding; protein phosphatase binding;