Recombinant Human RPA4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. RPA4-626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	RPA4 MS Standard C13 and N15-labeled recombinant protein (NP_037479) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a single-stranded DNA-binding protein that is the 30-kDa subunit of the replication protein A complex. Replication protein A is an essential factor for DNA double-strand break repair and cell cycle checkpoint activation. The encoded protein localizes to DNA repair foci and may be involved in the cellular DNA damage response. This protein may also play a role in inhibiting viral replication.
Molecular Mass	28.9 kDa
AA Sequence	MSKSGFGSYGSISAADGASGGSDQLCERDATPAIKTQRPKVRIQDVVPCNVNQLLS STVFDPVFKVRGIIVSQVSIVGVIRGAEKASNHICYKIDDMTAKPIEARQWFGREKVK QVTPLSVGVYVKVFGILKCPTGTKSLEVLKIHVLEDMNEFTVHILETVNAHMMLDKAR RDTTVESVPVSPSEVNDAGDNDESHRNFIQDEVLRLIHECPHQEGKSIHELRAQLCD LSVKAIKEAIDYLTVEGHIYPTVDREHFKSADTRTRPLEQKLISEEDLAANDILDYKDD DDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

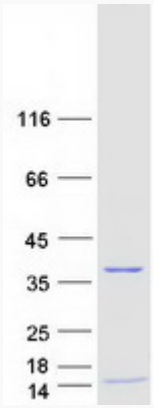
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	RPA4 replication protein A4 [Homo sapiens (human)]
Official Symbol	RPA4
Synonyms	RPA4; replication protein A4, 30kDa; replication protein A4, 34kDa; replication protein A 30 kDa subunit; HSU24186; RP-A p30; RF-A protein 4; replication factor A protein 4; replication protein A complex 34 kd subunit homolog Rpa4; MGC120333; MGC120334;
Gene ID	29935
mRNA Refseq	NM_013347
Protein Refseq	NP_037479
MIM	300767
UniProt ID	Q13156

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SDS-PAGE	

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