

Product datasheet for **TP310239**

RPA4 (NM_013347) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human replication protein A4, 34kDa (RPA4), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC210239 protein sequence Red =Cloning site Green =Tags(s)
	 MSKSGFGSYGSISAADGASGGSDQLCERDATPAIKTQRPKVRIQDVPCNVNQLLSSTVFDPVFKVIRGII VSQVSIVGVIRGAEKASNHICYKIDDMTAKPIEARQWFGREKVKQVTPLSVGVVVKVFGILKCPTGTKSL EVLKIHVLEDMNEFTVHILETVNAHMMLDKARRDTTVESVPVSPSEVNDAGDNDESHRNFIQDEVLRLLIH ECPHQEGKSIHELRAQLCDLSVKAIKEAIDYLTVEGHIYPTVDREHFKSAD TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	28.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_037479
Locus ID:	29935
UniProt ID:	Q13156



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RefSeq Size: 1560

Cytogenetics: Xq21.33

RefSeq ORF: 783

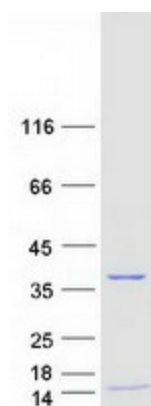
Synonyms: HSU24186

Summary: 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.[provided by RefSeq, Apr 2010]

Protein Families: Druggable Genome

Protein Pathways: DNA replication, Homologous recombination, Mismatch repair, Nucleotide excision repair

Product images:



Coomassie blue staining of purified RPA4 protein (Cat# TP310239). The protein was produced from HEK293T cells transfected with RPA4 cDNA clone (Cat# [RC210239]) using MegaTran 2.0 (Cat# [TT210002]).