

Product datasheet for **TP310239M**

RPA4 (NM_013347) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human replication protein A4, 34kDa (RPA4), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA Clone or AA Sequence: >RC210239 protein sequence
Red=Cloning site **Green**=Tags(s)

MSKSGFGSYGSISAADGASGGSDQLCERDATPAIKTQRPKVRIQDVPCNVNQLLSSTVFDPVFKVIRGII
VSQVSIVGVIRGAEKASNHICYKIDDMTAKPIEARQWFGREKVKQVTPLSVGVVVKVFGILKCPTGTKSL
EVLKIHVLEDMNEFTVHILETVNAHMMMLDKARRDTTVESVPVSPSEVNDAGDNDESHRNFQDEVLRLLIH
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

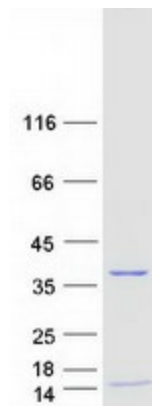
Synonyms: HSU24186

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]).