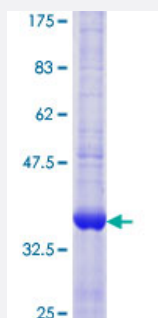


RPA4 (Human) Recombinant Protein (Q01)

Catalog # H00029935-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RPA4 partial ORF (NP_037479.1, 84 a.a. - 180 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	EKASNHICYKIDDMTAKPIEARQWFGREKVKQVTPLSVGVYVKVFGILKCPTGTGSLEVLKIHVLED MNEFTVHILETVNAHMMMLDKARRDTTVESV
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.41
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — RPA4

Entrez GeneID [29935](#)

GeneBank Accession# [NM_013347](#)

Protein Accession# [NP_037479.1](#)

Gene Name RPA4

Gene Alias HSU24186, MGC120333, MGC120334

Gene Description replication protein A4, 34kDa

Gene Ontology [Hyperlink](#)

Gene Summary Replication protein A (RPA) is an essential factor for DNA double-strand break repair and cell cycle checkpoint activation. This gene encodes the 32-kDa subunit of the RPA, which associates with the 70- and 13-kDa subunits to form a trimeric RPA complex. [provided by RefSeq]

Other Designations OTTHUMP00000023647|replication protein A complex 34 kDa subunit RPA4|replication protein A complex 34 kd subunit homolog Rpa4

Pathway

- [DNA replication](#)
- [Homologous recombination](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

Disease

- [Genetic Predisposition to Disease](#)
- [Lung Neoplasms](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)