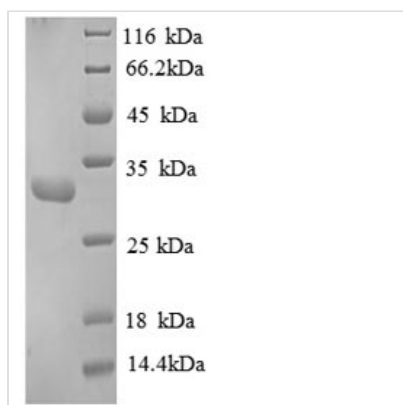




Recombinant Human Replication protein A 30 kDa subunit (RPA4), partial

Product Code	CSB-EP622640HU1
Relevance	As part of the alternative replication protein A complex, aRPA, binds single-stranded DNA and probably plays a role in DNA repair. Compared to the RPA2-containing, canonical RPA complex, may not support chromosomal DNA replication and cell cycle progression through S-phase. The aRPA may not promote efficient priming by DNA polymerase alpha but could support DNA polymerase delta synthesis in the presence of PCNA and replication factor C (RFC), the dual incision/excision reaction of nucleotide excision repair and RAD51-dependent strand exchange.
Abbreviation	Recombinant Human RPA4 protein, partial
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q13156
Alias	Replication factor A protein 4 ;RF-A protein 4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥ 90% as determined by SDS-PAGE.
Sequence	MSKSGFGSYGSISAADGASGGSDQLCERDATPAIKTQRPKVRIQDVVPCNVN QLLSSTVFDPVFKVIRGIIVSQVSIVGVIRGAEKASNHCYKIDDMTAKPIEARQW FGREKVKQVTPLSVGVYVKVFGILKCPTGTKSLEVLKIHVLEDMNEFTVHILETV NAHMLDKARRDTTVESVPVSPSEVNDAGDNDESHRNFIQDEVLRRLIHECPH QEGKSIHELRAQLCDLSVKAIKEAIDYLTVEGHIYPTVDREHFKA
Research Area	Epigenetics and Nuclear Signaling
Source	E.coli
Target Names	RPA4
Expression Region	1-260aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 6xHis-tagged
Mol. Weight	32.8kDa
Protein Length	Partial
Image	



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

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