

Replication factor C subunit 1 (RFC1), partial Recombinant Protein | RFC1 recombinant protein

Recombinant Human Replication factor C subunit 1 (RFC1), partial

CATALOG #
AAA113422

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

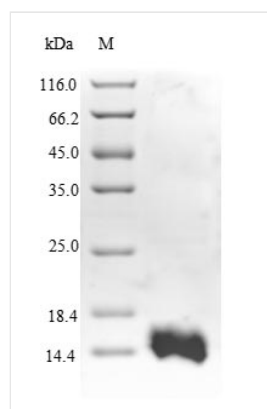
PRODUCT SYNONYMS

Replication factor C subunit 1 (RFC1); partial; Recombinant Human Replication factor C subunit 1 (RFC1); Replication factor C subunit 1; Activator 1 140 kDa subunit; A1 140 kDa subunit; Activator 1 large subunit; Activator 1 subunit 1; DNA-binding protein PO-GA; Replication factor C 140 kDa subunit; RF-C 140 kDa subunit; RFC140; Replication factor C large su; RFC1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	402-492. Partial-length
Sequence	GAENCLEGLI FVITGVLESI ERDEAKSLIE RYGGKVTGNV SKKTNYLVMG RDSGQSKSDK AAALGTKIID EDGLLNLI RT MPGKKSKEYE I A
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for RFC1 recombinant protein	The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins PCNA and activator 1. This subunit binds to the primer-template junction. Binds the PO-B transcription element as well as other GA rich DNA sequences. Could play a role in DNA transcription regulation as well as DNA replication and/or repair. Can bind single- or double-stranded DNA. Interacts with C-terminus of PCNA. 5' phosphate residue is required for binding of the N-terminal DNA-binding domain to duplex DNA, suggesting a role in recognition of non-primer template DNA structures during replication and/or repair.
Product Categories/Family for RFC1 recombinant protein	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	325296984
NCBI GeneID	5981
NCBI Accession #	NP_001191676.1
NCBI GenBank Nucleotide #	NM_001204747.1
UniProt Accession #	P35251; Q5XKF5; Q6PKU0; Q86V41; Q86V46; A8K6E7
Molecular Weight	11.8 kDa
NCBI Official Full Name	replication factor C subunit 1 isoform 2
NCBI Official Synonym Full Names	replication factor C (activator 1) 1, 145kDa
NCBI Official Symbol	RFC1
NCBI Official Synonym Symbols	A1; RFC; PO-GA; RECC1; MHCBBF; RFC140
NCBI Protein Information	replication factor C subunit 1; A1 140 kDa subunit; RF-C 140 kDa subunit; activator 1 subunit 1; replication factor C1; MHC binding factor, beta; DNA-binding protein PO-GA; activator 1 large subunit; activator 1 140 kDa subunit; replication factor C large subunit; replication factor C 140 kDa subunit
UniProt Protein Name	Replication factor C subunit 1
UniProt Gene Name	RFC1
UniProt Synonym Gene Names	RFC140; A1 140 kDa subunit; RF-C 140 kDa subunit; RFC140
UniProt Entry Name	RFC1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.