Recombinant Human RFC4 Protein, Myc/DDK-tagged

Cat. No. RFC4-292H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human replication factor C (activator 1) 4, 37kDa (RFC4), transcript variant 1 with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding the same protein have been reported.
Molecular Mass	39.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

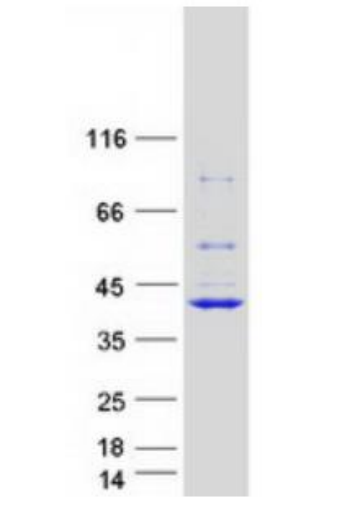
Concentration	>50 μg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

GENE INFORMATION

Gene Name	RFC4 replication factor C subunit 4 [Homo sapiens (human)]
Official Symbol	RFC4
Synonyms	RFC4; replication factor C subunit 4; A1; RFC37; replication factor C subunit 4; A1 37 kDa subunit; RF-C 37 kDa subunit; RFC 37 kDa subunit; activator 1 37 kDa subunit; activator 1 subunit 4; replication factor C (activator 1) 4, 37kDa; replication factor C 37 kDa subunit
Gene ID	5984
mRNA Refseq	NM_002916
Protein Refseq	NP_002907
MIM	102577
UniProt ID	P35249

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SDS-PAGE



Coomassie blue staining of purified RFC4 protein. The protein was produced from HEK293T cells transfected with RFC4 cDNA clone using MegaTran 2.0.

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