

Recombinant Full Length Human RFC2 Protein, C-Flag-tagged

Cat. No. RFC2-1904HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human RFC2 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the activator 1 small subunits family. The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins, proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). Replication factor C, also called activator 1, is a protein complex consisting of five distinct subunits. This gene encodes the 40 kD subunit, which has been shown to be responsible for binding ATP and may help promote cell survival. Disruption of this gene is associated with Williams syndrome. Alternatively spliced transcript variants encoding distinct isoforms have been described. A pseudogene of this gene has been defined on chromosome 2.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	39 kDa
AA Sequence	MEVEAVCGGAGEVEAQDSDPAPAFSKAPGSAGHYELPWVEKYRPVKLNEIVGNED TVSRLEVFAREGNVP NIIIAGPPGTGKTTTILCLARALLGPALKDAMLELNASNDRGID VVRNKIKMFAQQKVTLPKGRHKIIL DEADSMTDGAQQALRRRTMEIYSKTTTRFALACN ASDKIIEPIQSRCAVLRYSKLTDAQILRLMNVIEKER VPYTDDGLEAIIFTAQGDMRQ

 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

ALNNLQSTFSGFGFINSENVFKVCDEPHPLLVKEMIQHCVNANIDEAYK ILAHLWHL
GYSPEDIIGNIFRVCKTFQMAEYLKLEFIKEIGYTHMKIAEGVNSLLQMAGLLARLCQK
TMA PVAS TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Stem cell - Pluripotency
Protein Pathways	DNA replication, Mismatch repair, Nucleotide excision repair
Full Length	Full L.

GENE INFORMATION

Gene Name	RFC2 replication factor C subunit 2 [Homo sapiens (human)]
Official Symbol	RFC2
Synonyms	RFC40
Gene ID	5982

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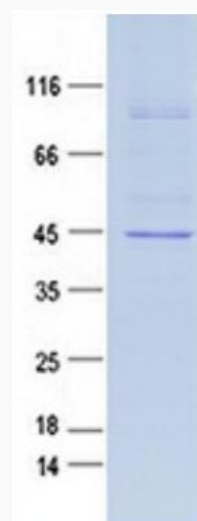
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mRNA Refseq [NM_181471.3](#)

Protein Refseq [NP_852136.1](#)

MIM [600404](#)

UniProt ID [P35250](#)



Coomassie blue staining of purified RFC2 protein.

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