

Product datasheet for **TP301138L**

RFC2 (NM_002914) Human Recombinant Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human replication factor C (activator 1) 2, 40kDa (RFC2), transcript variant 2, 1 mg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC201138 protein sequence Red =Cloning site Green =Tags(s) |
| | <p>MEVEAVCGGAGEVEAQDSDPAPAFSKAPGSAGHYELPWVEKYRPVKLNEIVGNEDTVSRLEVFAREGNVP NIIAGPPGTGKTTTILCLARALLGPALKDAMLELNASNDSMTDGAQQALRRTMEIYSKTTRFALACNAS DKIIEPIQSRCAVLRYSKLTDAQILTRLMNVIEKERVYPYTDGGLAIIFTAQGD MRQALNNLQSTFSGFG FINSENVFKVCDEPHPLLVKEMIQHCVNANIDEAYKILAHLWHLGYSPEDIIGNIFRVCKTFQMAEYLKL EFIKEIGYTHMKIAEGVNSLLQ MAGLLARLCQKTMAPVAS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Tag: | C-Myc/DDK |
| Predicted MW: | 35.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_002905 |
| Locus ID: | 5982 |



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UniProt ID: [P35250](#), [Q75MT5](#)

RefSeq Size: 1657

Cytogenetics: 7q11.23

RefSeq ORF: 960

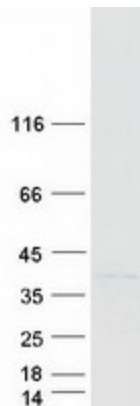
Synonyms: RFC40

Summary: 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. [provided by RefSeq, Jul 2013]

Protein Families: Druggable Genome, Stem cell - Pluripotency

Protein Pathways: DNA replication, Mismatch repair, Nucleotide excision repair

Product images:



Coomassie blue staining of purified RFC2 protein (Cat# [TP301138]). The protein was produced from HEK293T cells transfected with RFC2 cDNA clone (Cat# [RC201138]) using MegaTran 2.0 (Cat# [TT210002]).