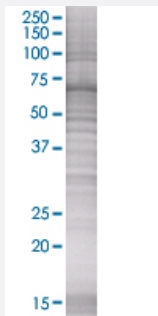


# RFC2 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00005982-T01

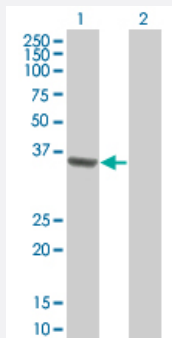
Size 100 uL

## Applications



### SDS-PAGE Gel

RFC2 transfected lysate



### Western Blot

Lane 1: RFC2 transfected lysate ( 35.2 KDa).

Lane 2: Non-transfected lysate.

## Specification

Transfected Cell Line	293T
Plasmid	pCMV-RFC2 full-length
Host	Human
Theoretical MW (kDa)	35.2
Interspecies Antigen Sequence	Mouse (82); Rat (82)

**Quality Control Testing**

Transient overexpression cell lysate was tested with Anti-RFC2 antibody ([H00005982-B01](#)) by Western Blots.  
SDS-PAGE Gel  
RFC2 transfected lysate  
Western Blot  
Lane 1: RFC2 transfected lysate ( 35.2 KDa).  
Lane 2: Non-transfected lysate.

**Storage Buffer**

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot

## Gene Info — RFC2

**Entrez GeneID**[5982](#)**GeneBank Accession#**[BC002813](#)**Protein Accession#**[AAH02813](#)**Gene Name**

RFC2

**Gene Alias**

A1, MGC3665, RFC40

**Gene Description**

replication factor C (activator 1) 2, 40kDa

**Omim ID**[600404](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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). RFC, also called activator 1, is a protein complex consisting of five distinct subunits of 145, 40, 38, 37, and 36.5 kD. This gene encodes the 40 kD subunit, which has been shown to be responsible for binding ATP. Deletion of this gene has been associated with Williams syndrome. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq]

**Other Designations**

activator 1|replication factor C 2

## Pathway

- [DNA replication](#)
- [Mismatch repair](#)
- [Nucleotide excision repair](#)

## Disease

- [Genetic Predisposition to Disease](#)
- [Graft vs Host Disease](#)
- [Multiple Sclerosis](#)
- [Urinary Bladder Neoplasms](#)