

Datasheet for ABIN7556280  
**RFC2 Protein (AA 1-349) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RFC2
Protein Characteristics:	AA 1-349
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFC2 protein is labelled with His tag.

## Product Details

Purpose:	Custom-made recombinant Rfc2 Protein expressed in mammalian cells.
Sequence:	<p>MEVQESGCDP SESGAQEPSP VPSKTAGHYE LPWVEKYRPL KLNEIVGNED TVSRLEVFAR  EGNVPNIIIA GPPGTGKTTS ILCLARALLG PALKDAVLEL NASNDRGIDV VRNKIKMFAQ  QKVTLPKGRH KIIILDEADS MTDGAQQALR RTMEIYSKTT RFALACNASD KIIPIQSRC  AVLRYTKLTD AQLVTRLMNV IEKEKVPYTD DGLEAIIFTA QGDMRQALNN LQSTFSGFGY  INSENVFKVC DEPHPLLVE MIQHCVDANI DEAYKILAH WHLGYSPELV IGNIFRVCKT  FPMAYLKLE FIKEIGYTHM KVAEGVNSLL QMAGLLARLC QKTMAPVAS <b>Sequence without tag.</b></p> <p><b>The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</b></p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

## Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

## Target Details

Target:	RFC2
Alternative Name:	Rfc2 ( <a href="#">RFC2 Products</a> )
Background:	Replication factor C subunit 2 (Activator 1 40 kDa subunit) (A1 40 kDa subunit) (Activator 1 subunit 2) (Replication factor C 40 kDa subunit) (RF-C 40 kDa subunit) (RFC40),FUNCTION: 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 activator 1. This subunit binds ATP (By similarity). {ECO:0000250}.
Molecular Weight:	38.7 kDa
UniProt:	<a href="#">Q9WUK4</a>
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">DNA Damage Repair</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a>

## Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months