

Datasheet for ABIN7563182  
**RFC1 Protein (AA 1-1131) (His tag)**



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## Overview

Quantity:	1 mg
Target:	RFC1
Protein Characteristics:	AA 1-1131
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFC1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Rfc1 Protein expressed in mammalien cells.
Sequence:	<p>MDIRKFFGVI SSGKKPVNET VKNEKTASE GTVKGKKGVK EAKVNNSGKE DASKPKQHSK KKRIIYSDS ESEETVQVKN AKKKSEKLSL SYKPGKVSQK DPVTYVSETD EDDDFVCKKA ASKSKENGVS TNSYLGTSNV KKNEENVKTK NKPLSPIKLT PTSVLDYFGT ESVQRSGKKM VTSKRKESQ NTEDSRLNDE AIAKQLQLDE DAELERQLHE DEEFARTLAL LDEEPKIKKA RKDSEEGEES FSSVQDDLK AEKQKSPNKA ELFSTARKTY SPAKHGKGRA SEDAKQPCKS AHRKEACSSP KASAKLALMK AKEESSYNET ELLAARRKES ATEPKGEKTT PKKTKVSPTK RESVSPEDSE KKRTNYQAYR SYLNREGPKA LGSKEIPKGA ENCLEGLTFV ITGVLESIER DEAKSLIERY GGKVTGNVSK KTNYLVMGRD SGQSKSDKAA ALGTKILDED GLLDLIRTMP GKRKYEMAA EAEMKKEKSK LERTPQKNDQ GKRKISPAKK ESESKCKLT LLKNSPMKAV KKEASTCPRG LDVKETHGNR SSNKEECLLW VDKYKPASLK NIIGQQGDQS CANKLLRWLR NWHKSSPEEK KHAAKFGKLA SKDDGSSFKA ALLSGPPGVG KTTTASLVCQ ELGYSYVELN</p>

## Product Details

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ASDTRSKNSL KAVVAESLNN TSIKGFYTSG AAPSVSARHA LIMDEVDGMA GNEDRGGIQE  
LIGLIKHTKI PIICMCNDRN HPKIRSLVHY CFDLRFQRPR VEQIKSAMLS IAFKEGLKIP  
PPAMNEILG ANQDVRQVLH NLSMWCAQSK ALTYDQAKAD SQRAKKDIRL GPFDVTRKVF  
AAGEETAHMS LMDKSDLFFH DYSIAPLFVQ ENYLHVKPVA AGGDMKKHLM LLSRAADSIC  
DGDLDVNQIR SKQNWSLLPT QAIYASVLPG ELMRGYMTQF PSFPSWLGGKH SSTGKHDRIV  
QDLSLHMSLR TYSSKRTVNM DYLSHIRDAL VRPLTSQGVE GAQHVIKLMD TYYLMKEDFE  
NIMEVSSWGG KPSAFSKLDP KVKAATRAY NKEAHLTPYS LQVVKTSRLS TGPALDSEYS  
EEFQEDDTQS EKEQDAVETD AMIKKKTRSS KPSKSEREKE SKKGKGNWK K **Sequence without tag. 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.**

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### Characteristics:

#### Key Benefits:

- 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.

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### Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

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### Grade:

custom-made

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## Target Details

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### Target:

RFC1

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### Alternative Name:

Rfc1 ([RFC1 Products](#))

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### Background:

Replication factor C subunit 1 (A1-P145) (Activator 1 140 kDa subunit) (A1 140 kDa subunit) (Activator 1 large subunit) (Activator 1 subunit 1) (Differentiation-specific element-binding

## Target Details

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protein) (ISRE-binding protein) (Replication factor C 140 kDa subunit) (RF-C 140 kDa subunit) (RFC140) (Replication factor C large subunit),FUNCTION: The elongation of primed DNA templates by DNA polymerase delta and epsilon requires the action of the accessory proteins PCNA and activator 1. This subunit binds to the primer-template junction.

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Molecular Weight: 126.0 kDa

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UniProt: [P35601](#)

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Pathways: [Telomere Maintenance](#), [DNA Damage Repair](#), [DNA Replication](#), [Synthesis of DNA](#), [Dicarboxylic Acid Transport](#)

## Application Details

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Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Buffer: The buffer composition is at the discretion of the manufacturer.

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months