

Datasheet for ABIN7551327

RFC4 Protein (AA 1-363) (His tag)



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Overview

Quantity:	1 mg
Target:	RFC4
Protein Characteristics:	AA 1-363
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This RFC4 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant RFC4 Protein expressed in mammalian cells.
Sequence:	<p>MQAFLKGTSI STKPPLTKDR GVAASAGSSG ENKKAKPVPW VEKYRPKCVD EVAFQEEVVA VLKKSLEGAD LPNLLFYGPP GTGKTSTILA AARELFGPEL FRLRVLELNA SDERGIQVVR EKVKNFALQT VSGSRSDGKP CPPFKIVILD EADSMTSAAQ AALRRTMEKE SKTTRFCLIC NYVSRIIEPL TSRC SKFRFK PLSDKIQQQR LLDIAKKENV KISDEGIAYL VKVSEGLDRK AITFLQSATR LTGGKEITEK VITDIAGVIP AEKIDGVFAA CQSGSFDKLE AVVKDLIDEG HAATQLVNQL HDVVVENNLS DKQKSIITEK LAEVDKCLAD GADEHLQLIS LCATVMQQLS QNC</p> <p>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.</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:	RFC4
Alternative Name:	RFC4 (RFC4 Products)
Background:	Replication factor C subunit 4 (Activator 1 37 kDa subunit) (A1 37 kDa subunit) (Activator 1 subunit 4) (Replication factor C 37 kDa subunit) (RF-C 37 kDa subunit) (RFC37),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 may be involved in the elongation of the multiprimed DNA template.
Molecular Weight:	39.7 kDa
UniProt:	P35249
Pathways:	Telomere Maintenance , DNA Damage Repair , DNA Replication , Synthesis of DNA

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