



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Datasheet

### RFC4 (Human) Recombinant Protein (P01)

**Catalog Number:** H00005984-P01

**Regulation Status:** For research use only (RUO)

**Product Description:** Human RFC4 full-length ORF ( NP\_002907.1, 1 a.a. - 363 a.a.) recombinant protein with GST-tag at N-terminal.

**Sequence:**

MQAFLKGTSISTKPPLTKDRGVAASAGSSGENKKAKP  
VPWVEKYRPKCVDEVAFQEEVVAVLKKSLGADLPNL  
LFYGGPGTGKTSTILAAARELFGPELFRRLRVLELNASD  
ERGIQVVREKVKNFQAQLTVSGSRSDGKPCPPFKIVILD  
EADSMTSAAQAALRRTMEKESKTRFCLICNYVSRRIE  
PLTSRCSKFRFKPLSDKIQQRLLDIKKENVKISDEGI  
AYLVKVVSEGLRKAITFLQSATRLTGGKEITEKVITDIAG  
VIPAEEKIDGVFAACQSGSFDKLEAVVKDLIDEGHAATQ  
LVNQLHDVVVENNLSKQKSIITEKLAEVDKCLADGAD  
EHLQLISLCATVMQQLSQNC

**Host:** Wheat Germ (in vitro)

**Theoretical MW (kDa):** 66.1

**Applications:** AP, Array, ELISA, WB-Re  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Preparation Method:** [in vitro wheat germ expression system](#)

**Purification:** Glutathione Sepharose 4 Fast Flow

**Storage Buffer:** 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**Storage Instruction:** Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 5984

**Gene Symbol:** RFC4

**Gene Alias:** A1, MGC27291, RFC37

**Gene Summary:** The elongation of primed DNA templates by DNA polymerase delta and DNA polymerase epsilon requires the accessory proteins proliferating cell nuclear antigen (PCNA) and replication factor C (RFC). RFC, also named activator 1, is a protein complex consisting of five distinct subunits of 140, 40, 38, 37, and 36 kD. This gene encodes the 37 kD subunit. This subunit forms a core complex with the 36 and 40 kDa subunits. The core complex possesses DNA-dependent ATPase activity, which was found to be stimulated by PCNA in an in vitro system. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq]