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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

RFC5 (Human) Recombinant Protein (P01)

Catalog Number: H00005985-P01

Regulation Status: For research use only (RUO)

Product Description: Human RFC5 full-length ORF (AAH13961, 1 a.a. - 340 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

METSALKQQEQPAATKIRNLPWVEKYRPQTLNDLISH
QDILSTIQKFINE DRLPHLLLYGPPGTGKTSTILACAKQL
YKDKEFGSMVLELNASDDRGIDIRGPILSFASTRTIFKK
GFKLVILDEADAMTQDAQNALRRVIEKFTENTRFCLICN
YLSKIIPALQSRCTFRFRFGPLTPELMAPRLEHVVEEEKV
DISEDGMKALVTLSSGDMRRALNILQSTNMAFGKVTE
ETVYTCTGHPLKSDIANILDWMLNQDFTTAYRNITELKT
LKGLALHDILTEIHLFVHRVDFPSSVRIHLLTKMADIEYR
LSVGTNEKIQLSSLIAAFQVTRDLIVAEA

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 63.14

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: 5985

Gene Symbol: RFC5

Gene Alias: MGC1155, RFC36

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 36 kD subunit. This subunit can interact with the C-terminal region of PCNA. It forms a core complex with the 38 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 distinct isoforms have been reported. [provided by RefSeq]