

Recombinant Human RFC3, T7-tagged

Cat. No. RFC3-2980H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human RFC3 (1-356 aa) is expressed in <i>E. coli</i> with a T7 tag at N-terminus.
Species	Human
Source	E.coli
Protein Length	1-356 a.a.
Description	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 kDa. This gene encodes the 38 kDa subunit. This subunit is essential for the interaction between the 140 kDa subunit and the core complex that consists of the 36, 37, and 40 kDa subunits.
MW	40556 Da.
Purity	95%.
Formulation	10 mM Tris. pH 8.0. 0.1% Triton X-100. 0.002% NaN ₃ .
Application	MS. SDS.

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GENE INFORMATION

Gene Name	RFC3 replication factor C (activator 1) 3, 38kDa [Homo sapiens]
Synonyms	RFC3;replication factor C (activator 1) 3, 38kDa; A1 38 kDa subunit; RF-C 38 kDa subunit; RFC, 38 kD subunit; activator 1 38 kDa subunit; activator 1 subunit 3; replication factor C 38 kDa subunit; replication factor C subunit 3; MGC5276; RFC38
Gene ID	5983
mRNA Refseq	NM_002915
Protein Refseq	NP_002906
MIM	600405
UniProt ID	P40938
Chromosome Location	13q13.2
Pathway	DNA replication; Mismatch repair; Cell Cycle Checkpoints; Chromosome Maintenance; DNA Replication
Function	ATP binding; contributes_to ATPase activity; DNA clamp loader activity; protein binding

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