

Recombinant Human RFC1 Protein, GST-tagged

Cat. No. RFC1-01H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human RFC1 partial ORF (AAH51786, 1 a.a. - 110 a.a.) recombinant protein with GST-tag at N-terminal was expressed in wheat germ.
Species	Human
Source	Wheat Germ
Description	The protein encoded by this gene is the large subunit of replication factor C, which is a five subunit DNA polymerase accessory protein. Replication factor C is a DNA-dependent ATPase that is required for eukaryotic DNA replication and repair. The protein acts as an activator of DNA polymerases, binds to the 3' end of primers, and promotes coordinated synthesis of both strands. It also may have a role in telomere stability.
Molecular Mass	37.51 kDa
AA Sequence	MDIRKFFGVIPSGKKLVSETVKKNEKTKSDEETLKAKKGIKEIKVNSSRKEDDFKQKQ PSKKKRRIYDSDSESEETLQVKNAKKPPEKLPVSSKPGKISRQDPVTYISET
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name RFC1 replication factor C subunit 1 [Homo sapiens (human)]

Official Symbol RFC1

Synonyms RFC1; replication factor C subunit 1; A1; RFC; PO-GA; RECC1; CANVAS; MHCBBF; RFC140; replication factor C subunit 1; A1 140 kDa subunit; DNA-binding protein PO-GA; MHC binding factor, beta; RF-C 140 kDa subunit; activator 1 140 kDa subunit; activator 1 large subunit; activator 1 subunit 1; replication factor C (activator 1) 1, 145kDa; replication factor C 140 kDa subunit; replication factor C large subunit; replication factor C1

Gene ID 5981

mRNA Refseq NM_002913

Protein Refseq NP_002904

MIM 102579

UniProt ID P35251

Quality Control Testing 12.5% SDS-PAGE Stained with Coomassie Blue.

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