Recombinant Human Replication factor C subunit 3 (RFC3)

Product Code	CSB-BP019590HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P40938
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MSLWVDKYRP CSLGRLDYHK EQAAQLRNLV QCGDFPHLLV YGPSGAGKKT RIMCILRELY GVGVEKLRIE HQTITTPSKK KIEISTIASN YHLEVNPSDA GNSDRVVIQE MLKTVAQSQQ LETNSQRDFK VVLLTEVDKL TKDAQHALRR TMEKYMSTCR LILCCNSTSK VIPPIRSRCL AVRVPAPSIE DICHVLSTVC KKEGLNLPSQ LAHRLAEKSC RNLRKALLMC EACRVQQYPF TADQEIPETD WEVYLRETAN AIVSQQTPQR LLEVRGRLYE LLTHCIPPEI IMKGLLSELL HNCDGQLKGE VAQMAAYYEH RLQLGSKAIY HLEAFVAKFM ALYKKFMEDG LEGMMF
Source	Baculovirus
Target Names	RFC3
Protein Names	Recommended name: Replication factor C subunit 3 Alternative name(s): Activator 1 38 kDa subunit Short name= A1 38 kDa subunit Activator 1 subunit 3 Replication factor C 38 kDa subunit Short name= RF-C 38 kDa subunit Shor
Expression Region	1-356
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	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. Alternatively spliced transcript variants encoding distinct isoforms have been described.
Reconstitution	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.