CREATIVE BIOMART® Biomarker
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Product Information

Recombinant Human PCNA, His tagged

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Catalog#	MK0588H
Product Name	Recombinant Human PCNA, His tagged
Product Overview	Recombinant Human PCNA (P12004) mature form (Met 1-Ser 261), fused with a polyhistidine tag at the N-terminus, was produced in Baculovirus-Insect cells.
Description	The DNA PCNA is central to both DNA replication and repair. Two forms of PCNA exist in cells: a detergent-insoluble trimeric form stably associated with the replicating forks during S phase and a soluble form in quiescent cells in G1 and G2 phases. PCNA is an essential protein for replication of chromosomal DNA.
Source	Baculovirus-Insect cells
Species	Human
Tag	His
Formulation	Lyophilized from 0.2μm filtered solution of 50mM Na3PO4, 300mM NaCl, 10% glycerol, pH 7.0, 2mM DTT
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant human PCNA consists of 280 amino acids and has a calculated molecular mass of 31 kDa. It migrates as an approximately 36 kDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70℃.
Endotoxin	Less than 1.0 EU per μg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures.Aoid repeated freeze-thaw cycles.