

Recombinant Human PCNA protein, His-tagged

Cat. No. PCNA-6999H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PCNA protein(P12004)(Met1-Ser261), fused with His tag, was expressed in Insect Cells.
Species	Human
Source	Insect Cells
ProteinLength	Met1-Ser261
Form	Lyophilized from sterile 50mM Na3PO4, 300mM NaCl, 10% glycerol, pH 7.0, 2mM DTTPlease contact us for any concerns or special requirements. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
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.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	PCNA proliferating cell nuclear antigen [Homo sapiens]
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Official Symbol	PCNA
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Synonyms	PCNA; proliferating cell nuclear antigen; cyclin; DNA polymerase delta auxiliary protein; MGC8367;
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Gene ID	5111
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mRNA Refseq	NM_002592
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Protein Refseq	NP_002583
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MIM	176740
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UniProt ID	P12004
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