

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 Na ₃ PO ₄ , 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]

Official Symbol PCNA

Synonyms PCNA; proliferating cell nuclear antigen; cyclin; DNA polymerase delta auxiliary protein; MGC8367;

Gene ID 5111

mRNA Refseq NM_002592

Protein Refseq NP_002583

MIM 176740

UniProt ID P12004

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