

## PCNA Human, Sf9

**Description:** PCNA Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 29,794 Dalton. PCNA is expressed with a -6xHis tag and purified by proprietary chromatographic techniques.

**Catalog #:** PRPS-310

For research use only.

**Synonyms:** Proliferating cell nuclear antigen, PCNA, Cyclin, MGC8367.

**Source:** Sf9 insect cells.

**Physical Appearance:** Sterile Filtered colorless solution.

**Purity:** Greater than 95% as determined by SDS-PAGE.

**Formulation:**

Recombinant Human PCNA is supplied in 16mM HEPES buffer pH-8, 400mM NaCl, and 20% glycerol.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Applications:**

Western-Blot with monoclonal anti-hexa-His-tag antibody & Scleroderma patient sera.

**Introduction:**

Proliferating cell nuclear antigen (PCNA), a protein of 30 kDa molecular weight also known as cyclin, forms a trimer ring around a DNA double-helix. It binds to a variety of other nuclear proteins and thereby organises biochemical processes at the DNA replication fork. PCNA thereby assumes important functions in DNA synthesis, repair and processing, the regulation of cell cycle and even apoptosis. Anti-PCNA antibodies occur in systemic lupus, where they represent a rare specificity (

**Storage:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.

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