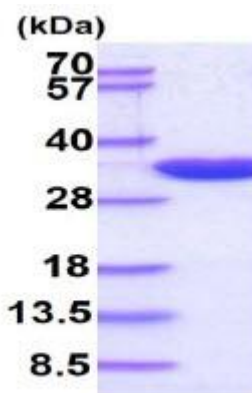


# PCNA, Human Recombinant

<b>CATALOG NO:</b>	P1562-20      20 µg P1562-100     100 µg
<b>ALTERNATE NAMES:</b>	Proliferating cell nuclear antigen, MGC8367, Proliferating cell nuclear antigen, Proliferating cell nuclear antigen, PCNA
<b>MOL. WT.</b>	28 kDa
<b>SOURCE:</b>	<i>E. coli</i>
<b>PURITY:</b>	>95% SDS - PAGE
<b>FORM:</b>	Liquid
<b>FORMULATION:</b>	In 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM EDTA, 20% glycerol
<b>STORAGE CONDITIONS:</b>	Store at 4°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Avoid repeated freezing and thawing cycles.
<b>DESCRIPTION:</b>	PCNA (Proliferating Cell Nuclear Antigen) is found in the nucleus and is a cofactor of DNA polymerase delta. This protein is associated with DNA synthesis and repair. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. It appears during late G1- phase, Sphase of mitosis and persists until the end of the M-phase because of its long biological half-life. PCNA may be induced by UV irradiation, growth factors and eventually by neighbouring tumours. Recombinant human PCNA, was expressed in <i>E. coli</i> and purified by conventional chromatography techniques.
<b>AMINO ACID SEQUENCE:</b>	aa 1-261



15% SDS-PAGE (3µg)

SDS-PAGE under reducing condition and stained by coomassie blue stain

## RELATED PRODUCTS:

- flt3-Ligand, human recombinant (4085)
- Growth Hormone, human recombinant (4769)
- PCNA, human recombinant (4835)
- EPO-alpha, human recombinant (4763)

**FOR RESEARCH USE ONLY! Not to be used on humans.**