

PCNA, human recombinant protein
Proliferating cell nuclear antigen, PCNA, Cyclin, MGC8367,
Catalog # PBV10429r

Specification

PCNA, human recombinant protein - Product info

Primary Accession	P12004
Concentration	1
Calculated MW	29.8 kDa KDa

PCNA, human recombinant protein - Additional Info

Gene ID	5111
Gene Symbol	PCNA
Other Names	
Proliferating cell nuclear antigen, PCNA, Cyclin, MGC8367,	

Gene Source	Human
Source	Baculovirus (Sf9 insect cells)
Assay&Purity	SDS-PAGE; ≥90%
Assay2&Purity2	HPLC; ≥90%
Recombinant	Yes
Format	
Liquid	

Storage

-20°C; Sterile filtered and (5 µg/5 µl) in 50 mM Tris-Acetate, pH 7.5, 1 mM EDTA, and 20% Glycerol.

PCNA, human recombinant protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

PCNA, human recombinant protein - Images

PCNA, human recombinant protein - Background

Expression of proliferating cell nuclear antigen (PCNA) or cyclin or polymerase δ auxiliary protein is elevated in the nucleus during late G1 phase immediately before the onset of DNA synthesis, becoming maximal during S-phase and declining during G2 and M phases. PCNA/cyclin may act as an auxiliary protein of DNA polymerase-δ to play a fundamental role in the initiation of cell

proliferation. Recombinant PCNA was expressed with a 6x His tag in sf9 insect cells and purified by proprietary chromatographic techniques.

PCNA, human recombinant protein - References

Almendral J.M.,et al.Proc. Natl. Acad. Sci. U.S.A. 84:1575-1579(1987).

Travali S.,et al.J. Biol. Chem. 264:7466-7472(1989).

Ota T.,et al.Nat. Genet. 36:40-45(2004).

Deloukas P.,et al.Nature 414:865-871(2001).

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