

## Recombinant Human PCNA, His-tagged

Cat. No. PCNA-1579H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human PCNA protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	8-256aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	PCNA proliferating cell nuclear antigen [ Homo sapiens ]
<b>Official Symbol</b>	PCNA
<b>Synonyms</b>	PCNA; proliferating cell nuclear antigen; cyclin; DNA polymerase delta auxiliary protein; MGC8367;
<b>Gene ID</b>	5111

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>mRNA Refseq</b>	NM_002592
<b>Protein Refseq</b>	NP_002583
<b>MIM</b>	176740
<b>UniProt ID</b>	P12004
<b>Chromosome Location</b>	20pter-p12
<b>Pathway</b>	BARD1 signaling events, organism-specific biosystem; BRCA1-associated genome surveillance complex (BASC), organism-specific biosystem; Base Excision Repair, organism-specific biosystem; Base excision repair, organism-specific biosystem; Base excision repair, conserved biosystem; Cell Cycle, organism-specific biosystem; Cell Cycle, Mitotic, organism-specific biosystem;
<b>Function</b>	DNA binding; DNA polymerase processivity factor activity; MutLalpha complex binding; dinucleotide insertion or deletion binding; identical protein binding; protein binding; purine-specific mismatch base pair DNA N-glycosylase activity; receptor tyrosine k

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