

# Recombinant Human PCNA

Catalog No: #GP10011



Package Size: #GP10011-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human PCNA
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 8-256 amino acids of human PCNA
Target Name	proliferating cell nuclear antigen
Other Names	ATLD2
Accession No.	Swissprot:P12004Gene Accession:BC000491
Uniprot	P12004
GeneID	5111;
Storage	-20~-80°C, pH 7.6 PBS

## Background

The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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