

[Go to Product page](#)

Datasheet for ABIN7505183

**PCNA Protein (AA 1-261) (His tag)**

## Overview

Quantity:	100 µg
Target:	PCNA
Protein Characteristics:	AA 1-261
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This PCNA protein is labelled with His tag.

## Product Details

Sequence:	Met 1-Ser 261
Characteristics:	A DNA sequence encoding the Human PCNA protein (P12004 ) (Met 1-Ser 261) was expressed with N-His tag.
Purity:	>95 % as determined by reducing SDS-PAGE.

## Target Details

Target:	PCNA
Alternative Name:	PCNA ( <a href="#">PCNA Products</a> )
Background:	<p>Background: This protein is an auxiliary protein of DNA polymerase delta and is involved in the control of eukaryotic DNA replication by increasing the polymerase's processibility during elongation of the leading strand. Induces a robust stimulatory effect on the 3'-</p> <p>Synonym: ATLD2,cb16,Cyclin,DNA polymerase delta auxiliary protein,Mutagen-sensitive 209</p>

## Target Details

	protein,Polymerase delta accessory protein,Proliferating cell nuclear antigen
Molecular Weight:	28.6 kDa
Pathways:	<a href="#">Telomere Maintenance</a> , <a href="#">DNA Damage Repair</a> , <a href="#">Mitotic G1-G1/S Phases</a> , <a href="#">DNA Replication</a> , <a href="#">Synthesis of DNA</a> , <a href="#">Autophagy</a>

## Application Details

Restrictions:	For Research Use only
---------------	-----------------------

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from sterile PBS, pH 7.4.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Expiry Date:	12 months