

DNA Repair, Replication, Recombination

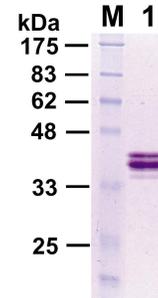
Human PCNA

Molecular Mass: 29 kDa

Catalog #	Size
42	5 μ g

Description

PCNA is a replication accessory factor and is also involved in DNA repair. During replication, PCNA acts as a processivity factor of DNA polymerases δ and ϵ . In DNA repair, PCNA is required for nucleotide excision repair, is involved in the long patch base excision repair, and participates in the yeast Rad5 error-free post replication repair. Loading of PCNA onto DNA may require RFC and RPA.



Purified human PCNA.

The protein (400 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The identity of the protein (the doublet bands) was confirmed by Western blot analysis. Protein size markers (lane M) are indicated on the left.