

Enzymax, LLC
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Lexington, KY 40503

Product Information

Product Name: PCNA, yeast
Catalog no#: 37
Size: 5ug

Order: info@enzymax.net
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Product 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 is critical in error-free post replication repair, as well as translesion DNA synthesis. Loading of PCNA onto DNA may require RFC and RPA.

Source: Recombinant full length protein was expressed in *E. coli*.

Molecular Weight: 29 kDa

Presentation:

Purified yeast PCNA protein is provided in 50 mM Tris-HCl (pH7.5), 600 mM NaCl, and 10% glycerol.

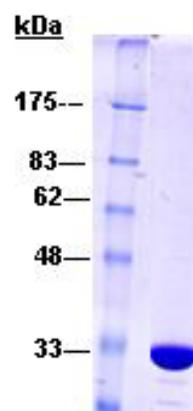
Storage:

Stable for 2 years at -70°C from date of shipment. Please aliquot to avoid repeated freezing and thawing.

Suggested dilution buffer (not included):

50 mM Tris-HCl (pH 7.5), 5 mM β -mercaptoethanol, 50% glycerol.

SDS-PAGE gel picture:



Purified yeast PCNA. The protein (600 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The identity of the protein was confirmed by Western blot analysis. Protein size markers are indicated on the left.