

Recombinant Yeast PCNA protein

Cat. No. PCNA-1534Y **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein was expressed in E. coli.
Species	Yeast
Source	E.coli
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.
Form	50 mM Tris-HCl (pH7.5), 600 mM NaCl, and 10% glycerol.
Molecular Mass	29 kDa
Usage	Suggested dilution buffer (not included): 50 mM Tris-HCl (pH 7.5), 5 mM β -mercaptoethanol, 50% glycerol.
Storage	Stable for 2 years at -70 centigrade from date of shipment. Please aliquot to avoid repeated freezing and thawing.
Full Length	Full L.

GENE INFORMATION

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Official Symbol

PCNA

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