# Recombinant Yeast PCNA protein

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

## SPECIFICATION

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| **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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