Recombinant Human PCNA Protein, MYC/DDK-tagged

Cat. No. PCNA-626H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PCNA protein, fused to MYC/DDK tag at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is found in the nucleus and is a cofactor of DNA polymerase delta. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. In response to DNA damage, this protein is ubiquitinated and is involved in the RAD6-dependent DNA repair pathway. Two transcript variants encoding the same protein have been found for this gene. Pseudogenes of this gene have been described on chromosome 4 and on the X chromosome. [provided by RefSeq, Jul 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	28.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	proliferating cell nuclear antigen[Homo sapiens]
Official Symbol	PCNA
Synonyms	ATLD2
Gene ID	5111
mRNA Refseq	NM_002592.2
Protein Refseq	NP_002583.1
MIM	176740
UniProt ID	P12004

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