

Recombinant Human PCNA Protein

Cat. Number:	bs-10889P
Quantity size:	100µg/500µg
Host:	<i>E.coli</i>
Range:	1-261/261aa (C-6x His)
Format:	Liquid.
Concentration:	1mg /ml
Buffer:	20mM Tris, pH8.0
Purity:	≥95%(SDS-PAGE)
MW:	30kD
Background:	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].
Storage:	Store at -20°C (Avoid repeated freeze/thaw cycles).
Important Note:	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.