

## PCNA Protein, Human (sf9, His)

<b>Cat. No.:</b>	HY-P73729
<b>Synonyms:</b>	Proliferating cell nuclear antigen; PCNA; Cyclin
<b>Species:</b>	Human
<b>Source:</b>	Sf9 insect cells
<b>Accession:</b>	P12004 (M1-S261)
<b>Gene ID:</b>	5111
<b>Molecular Weight:</b>	Approximately 36 kDa

### PROPERTIES

<b>AA Sequence</b>	<pre> M F E A R L V Q G S   I L K K V L E A L K   D L I N E A C W D I   S S S G V N L Q S M D S S H V S L V Q L   T L R S E G F D T Y   R C D R N L A M G V   N L T S M S K I L K C A G N E D I I T L   R A E D N A D T L A   L V F E A P N Q E K   V S D Y E M K L M D L D V E Q L G I P E   Q E Y S C V V K M P   S G E F A R I C R D   L S H I G D A V V I S C A K D G V K F S   A S G E L G N G N I   K L S Q T S N V D K   E E E A V T I E M N E P V Q L T F A L R   Y L N F F T K A T P   L S S T V T L S M S   A D V P L V V E Y K I A D M G H L K Y Y   L A P K I E D E E G   S           </pre>
<b>Appearance</b>	Solution
<b>Formulation</b>	Supplied as a 0.2 µm filtered solution of 50 mM Na <sub>3</sub> PO <sub>4</sub> , 300 mM NaCl, 10% Glycerol, pH 7.0, 2 mM DTT.
<b>Endotoxin Level</b>	<1 EU/µg, determined by LAL method.
<b>Reconstitution</b>	N/A.
<b>Storage &amp; Stability</b>	Stored at -80°C for 1 year. It is stable at -20°C for 3 months after opening. It is recommended to freeze aliquots at -80°C for extended storage. Avoid repeated freeze-thaw cycles.
<b>Shipping</b>	Shipping with dry ice

### DESCRIPTION

<b>Background</b>	SULT4A1, an atypical member of the sulfotransferase family, exhibits notably low affinity for 3'-phospho-5'-adenylyl sulfate (PAPS) and displays minimal catalytic activity towards various substrates, including L-triiodothyronine, thyroxine, estrone, p-nitrophenol, 2-naphthylamine, and 2-beta-naphthol. While its precise function remains elusive, SULT4A1 is suggested to play a role in the metabolism of drugs and neurotransmitters within the central nervous system (CNS).
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**Caution: Product has not been fully validated for medical applications. For research use only.**

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