

PCNA Protein, Human (sf9, His)

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

PROPERTIES

AA Sequence	<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>
Appearance	Solution
Formulation	Supplied as a 0.2 µm filtered solution of 50 mM Na ₃ PO ₄ , 300 mM NaCl, 10% Glycerol, pH 7.0, 2 mM DTT.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	N/A.
Storage & Stability	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.
Shipping	Shipping with dry ice

DESCRIPTION

Background	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).
------------	--

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA