

Proliferating Cell Nuclear Antigen Human Recombinant

Item Number	rAP-4526
Synonyms	Proliferating cell nuclear antigen, PCNA, Cyclin, MGC8367.
Description	PCNA Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 261 amino acids and having a molecular mass of 28769 Dalton.
Uniprot Accesion Number	P12004
Amino Acid Sequence	MFEARLVQGS ILKKVLEALK DLINEACWDI SSSGVNLQSM DSSHVSLVQLTLRSEGFDY RCDRLAMGV NLTSMKILK CAGNEDIITL RAEDNADTLA LVFEAPNQEK VSDYEMKLM LDVEQLGI- PE QEYSCVVKMP SGEFARICRD LSHIGDAVVI SCAKDGVKFS ASGELGNGNI KLSQTSNVDK EEEEAVTIEMN EPVQLTFALR YLNFFTKATP LSSTVTLSMS ADVPLVVEYK IADMGHLKYY L APKIEDEEG S.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	The PCNA solution contains 20mM Tris pH-7.5 & 2mM EDTA & 20% glycerol. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**