

本公司提供的电子版说明书仅供参考，实验请以收到的纸质手册为准。

PCNA, 1-261 aa, Human, Recombinant, E.coli

产品货号: TP03308

第三版

别名:Proliferating cell nuclear antigen.

描述:PCNA (Proliferating Cell Nuclear Antigen) is found in the nucleus and is a cofactor of DNA polymerase delta. This protein is associated with DNA synthesis and repair. The encoded protein acts as a homotrimer and helps increase the processivity of leading strand synthesis during DNA replication. It appears during late G1- phase, S-phase of mitosis and persists until the end of the M-phase because of its long biological half-life.

配方:Liquid. In 20 mM Tris-HCl buffer (pH 7.5) containing 2 mM EDTA 20% glycerol

分子量:28 kDa (261 aa), confirmed by MALDI-TOF

序列:

MFEARLVQGSILKKVLEALKDLINACWDISSSGVNLQSMDSHVSLVQLTLRSEGFDTYRCDRNLAMGVNLTSMKILKC
AGNEDIITLRAEDNADTLALVFEAPNQEKVSDYEMKLMDLVDELGIPEQEYSCVVKMPSGEFARICRDLSHIGDAVVISC
AKDGVKFSASGELGNGNIKLSQTSNVDKEEEAVTIEMNEPVQLTFALRYLNFFTKATPLSSTVTLSMSADVPLVVEYKIADM
GHLKYLLAPKIEDEEGS

纯度:> 95% by HPLC

浓度:1 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.