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Product Datasheet

Recombinant Human Proliferating cell nuclear antigen/PCNA Protein ABB-RP01706

Article Name	Recombinant Human Proliferating cell nuclear antigen/PCNA Protein
Biozol Catalog Number	ABB-RP01706
Supplier Catalog Number	RP01706
Alternative Catalog Number	ABB-RP01706-10UG, ABB-RP01706-100UG, ABB-RP01706-50UG, ABB-RP01706-20UG
Manufacturer	ABclonal
Host	Human
Category	Proteine/Peptide
Species Reactivity	Human
Immunogen	Phe2-Ser261
Product Description	Proliferating Cell Nuclear Antigen (PCNA) is a protein only expressed in normal proliferate cells and cancer cells. It is central to both DNA replication and repair. One of the well-established functions for PCNA is its role as the processivity facto...
Concentration	< 0.1 EU/μg of the protein by LAL method.
Molecular Weight	29.74 kDa
Tag	N-HA
NCBI	5111
UniProt	P12004
Source	HEK293 cells

Purity	90 % as determined by SDS-PAGE.
Form	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Sequence	FEARLVQGSILKKVLEALKDLNEACWDISSSGVNLQSMDSHVSLSVQLTLRSE GFDTYRCDRNLAMGVNLTSMKILKCAGNEDIITLRAEDNADTLALVFEAPNQ EKVSDYEMKLMDLDVEQLGIPEQEYSCVVKMPSGEFARICRDLSHIGDAVVIS CAKDGVKFSASGELGNGNIKLSQTSNVDKEEEAVTIEMNEPVQLTFALRYLNF FTKATPLSSTVTLSMSADVPLVVEYKIADMGHLYLAPKIE
Target	Proliferating cell nuclear antigen/PCNA
Application Dilute	Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.
Application Notes	Cross-Reactivity: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize freeze-thaw cycles. Research Area: Other Recombinant Protein