

32-4409: Recombinant Human Proliferating Cell Antigen, S9

Alternative Name : Proliferating cell nuclear antigen,PCNA,Cyclin,MGC8367.

Description

Source : Sf9 insect cells. PCNA Human Recombinant produced in SF9 is a glycosylated, polypeptide chain having a molecular mass of 35 kDa. PCNA is expressed with a -6xHis tag and purified by proprietary chromatographic techniques. Proliferating cell nuclear antigen (PCNA), a protein of 30 kDa molecular weight also known as cyclin, forms a trimer ring around a DNA double-helix. It binds to a variety of other nuclear proteins and thereby organises biochemical processes at the DNA replication fork. PCNA thereby assumes important functions in DNA synthesis, repair and processing, the regulation of cell cycle and even apoptosis. Anti-PCNA antibodies occur in systemic lupus, where they represent a rare specificity (< 10 % of SLE patients). However, their presence alone or in combination with other autoantibodies should alert the clinician to the presence of defined or evolving SLE.

Product Info

Amount :	20 µg
Purification :	Greater than 95% as determined by SDS-PAGE.
Content :	Recombinant Human PCNA is supplied in 16mM HEPES buffer pH-8, 400mM NaCl, and 20% glycerol.
Storage condition :	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. Avoid multiple freeze-thaw cycles.