



Product Information

Product Name: Human RPA

Catalog #: ANT-61

Size: 50 µg

Antagene, Inc.

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Product: human RPA complex, recombinant protein without tag

Product Description or back ground:

RPA is a protein complex consisting of 3 subunits, RPA1, RPA2, and RPA3. RPA is the single-stranded DNA binding protein in eukaryotes. It functions in multiple cellular processes including replication, recombination, and DNA repair.

Source: Recombinant human RPA complex was expressed in and purified from *E. coli*.

Molecular Weight:

RPA1 (70 kDa)

RPA2 (32 kDa)

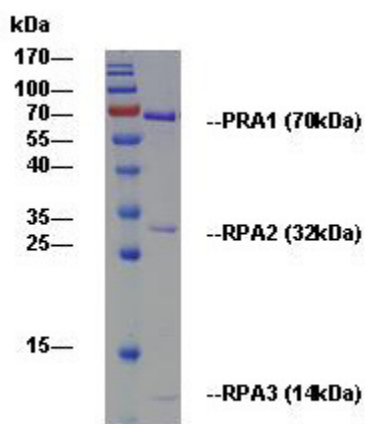
RPA3 (14 kDa)

Presentation: Purified RPA complex is supplied in a buffer containing 30 mM HEPES (pH7.8), 1 mM DTT, 0.25 mM EDTA, 300 mM KCl, 0.25% (W/V) myo-inositol, and 0.01%(V/V) Nonidet P-40.

Purity: Apparent homogeneity by SDS-PAGE and Coomassie blue staining.

Storage: Stable for 2 years at -70°C from date of shipment. Please aliquot to avoid repeated freezing and thawing.

SDS-PAGE gel picture:



Purified human RPA protein complex.

RPA (200 ng) was analyzed by electrophoresis on a 12.5% SDS-polyacrylamide gel and visualized by staining with Coomassie blue. The RPA complex bands were confirmed by Western blot analysis. Protein size markers are indicated on the left.