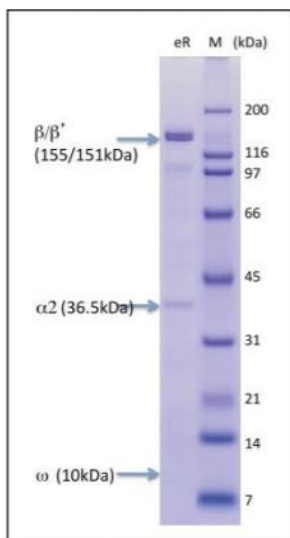


Escherichia coli RNA Polymerase

Catalog Number	Size
AG226-10	10ug
AG226-25	25ug
AG226-B	Bulk

Specifications and Use

Description



Escherichia coli RNA polymerase is composed of multisubunits and an essential enzyme for regulated gene expression. The core structure of E coli RNP contains β (155kDa), β' (151kDa), α dimers (2x36.5kDa) and ω (10kDa) subunits with a total molecular mass of 389kDa. E coli RNP was purified from BL21(DE3) cells through ion exchange, size exclusion and Heparin chromatography methods.

Accession Number

N/A

Source

BL21(DE3)

Molecular Mass

Approximately 389kDa.

Purity

Partially purified, as determined by SDS-PAGE

Biological Activity

Purified E coli RNA polymerase is suitable for the studies of DNA-directed RNA synthesis in vitro and other related function assays

Formulation

20mM HEPES-Na, pH7.9, 20% glycerol, 100mM NaCl, 1mM DTT and 1mM EDTA.

Storage

The protein sample can be stored under sterile conditions at 2-8o C for one month or at -20o C to -70o C for three months without detectable loss of activity. Avoid repeated thaw-freeze cycles.

Special Notes

FOR RESEARCH ONLY