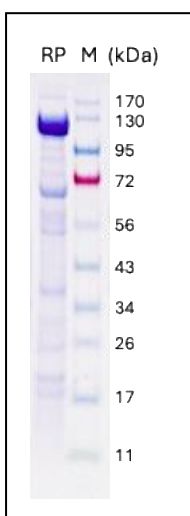


E coli RNA Polymerase (Complex)

Catalog Number	Size
AG330-10	10ug
AG330-25	25ug
AG330-B	Bulk

Description



The *Escherichia coli* RNA polymerase is composed of multi-subunits and an essential enzyme for regulated gene expression. The core structure of E coli RNP contains β (ACT31030, 155kDa/1342aa), β' (ACT31029, 151kDa/1407aa), α dimers (ACT27257, 36.5kDa/329aa) and ω (ACT27155, 10kDa/91aa) subunits with a total molecular mass of 389kDa. E coli RNP was purified from BL21(DE3) cells through ion exchange, size exclusion and other chromatography methods.

Accession Number	CP001665
Molecular Mass	Approximately ~150kDa.
Purity	≥90%, 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 Tris-Cl (pH7.9), 20% glycerol 100mM NaCl, 1mM DTT and 1mM EDTA.
Storage	The protein sample can be stored under sterile conditions at 2-8°C for one month or at -20°C to -70°C for three months without detectable loss of activity. (Avoid repeated freeze-thaw cycle)

FOR RESEARCH USE ONLY!!!