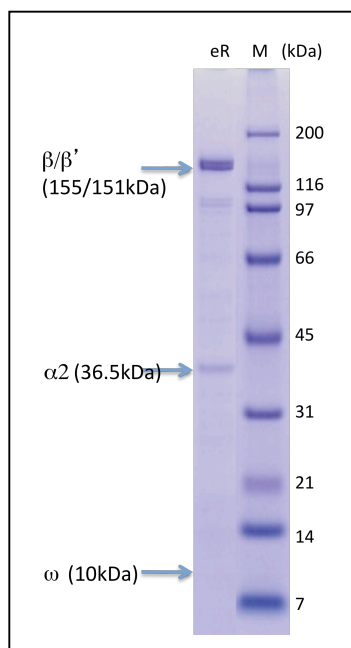


## *Escherichia coli* RNA Polymerase

Catalog Number	Size
AG226-20	20ug
AG226-100	100ug
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 b (155kDa), b' (151kDa), a dimers (2x36.5kDa) and w (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.

<b>Accession Number</b>	N/A
<b>Source</b>	BL21(DE3)
<b>Molecular Mass</b>	Approximately 389kDa.
<b>Purity</b>	Partially purified, as determined by SDS-PAGE.
<b>Biological Activity</b>	Purified <i>E coli</i> RNA polymerase is suitable for the studies of DNA-directed RNA synthesis in vitro and other related function assays.
<b>Formulation</b>	20mM HEPES-Na, pH7.9, 20% glycerol, 100mM NaCl, 1mM DTT and 1mM EDTA.
<b>Storage</b>	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. <b><i>Avoid repeated thaw-freeze cycles.</i></b>
<b>Special Notes</b>	<b>FOR RESEARCH USE ONLY</b>