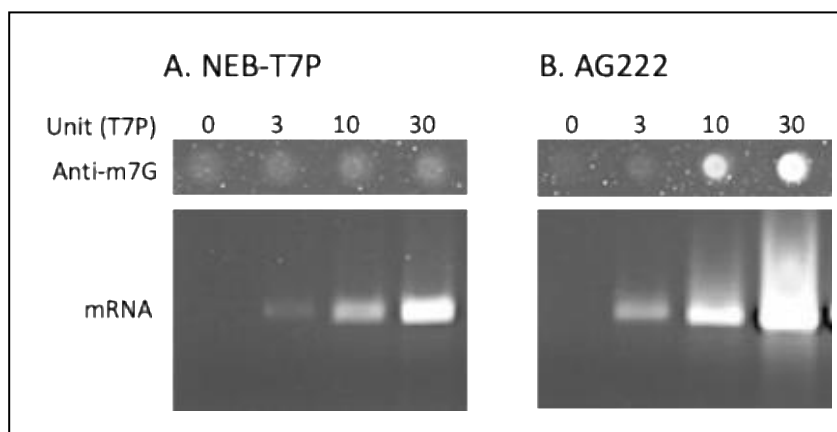


Recombinant T7 RNA Polymerase

Catalog Number	Size
AG223-10	10ug
AG223-25	25ug
AG223-B	Bulk

Description

The genetically engineered T7 RNA Polymerase was expressed in the E coli system and purified by the combination of Ni-affinity column and other conventional chromatographic methods. The resulted protein contains 896 (12+884) amino acids with any additional tag sequence. It migrates in SDS-PAGE with an apparent molecular mass of 100kDa.



Accession Number

NA

Molecular Mass

Approximately 100kDa.

Purity

≥90%, as determined by SDS-PAGE.

Biological Activity

The genetically engineered recombinant T7 RNA polymerase is suitable for in vitro transcription in the presence of T7 promoter-containing DNA template.

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!!!