Poly(A) Polymerase

Catalog # P9380 Size 100 uL

Specification

Product Description	Poly(A) Polymerase is a polymerase expressed by recombinant *E.coli*. The enzyme does not depend on the template and can catalyze the sequential incorporation of ATP into the 3' end of RNA in the form of AMP, that is, adding a polyadenosine tail to the 3' end of RNA. Poly(A) structure can improve the stability of RNA and improve the translation efficiency of mRNA in eukaryotic cells. Poly(A) polymerase has high tailing efficiency and can add 20-200 A bases to the 3' end of RNA.
Form	Liquid
Concentration	5 U/μL
Purity	≥95%
Recommend Usage	In Vitro Transcription The optimal working dilution should be determined by the end user.
Supplied Products	10x Poly(A) Polymerase Buffer ATP(10 mM)
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- In vitro Transcription

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