GMP Grade Bioactive

E. coli Poly(A) Polymerase

Catalog # DM0015 Size 5 kU

Specification

Product Description	E. coli Poly (A) Polymerase does not depend on the presence of template, and can catalyze the sequ ential incorporation of ATP in the form of AMP into the 3´ terminal of RNA, i.e., the addition of polyA t ail to the 3´ terminal of RNA.
Form	Liquid
Activity	4.9 KU/mL to 5.1 KU/mL
Recommend Usage	For RNA 3´ end labeling. Poly(A) tails are added to RNA for cloning or affinity purification. For example, Poly (A) was added to miRNA to provide oligo-dT primer binding sites for cDNA synthesis. Improve the efficiency of RNA translation in eukaryotic cells. The optimal working dilution should be determined by the end user.
Regulatory Status	GMP grade
Storage Buffer	20 mM Tris-HCl, 300 mM NaCl, 1 mM DTT, 1 mM EDTA, 0.1%TritonX-100, 50% (v/v) Glycerol, pH 8. 0.
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

Applications

- In vitro Transcription

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