



T7 RNA polymerase

T7 RNA Polymerase is a DNA-dependent RNA polymerase from T7 phage recombinantly expressed in E. coli. It synthesizes single-stranded RNA from a double-stranded DNA template. It is highly specific to the T7 promoter sequence (5'-TAATACGACTCACTATA-3'), which makes it an ideal tool for controlled and specific gene expression. It is known for its low error rate, high efficiency, and high processivity.

Cocentration: 50U/μL

Units/Pk: 5000U/100μL; 50000U/1mL

Supplied with optimized reaction buffer for high yield & purity

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This product is produced by GMP process requirements while using Animal Origin Free (AOF) production process; and it is free from DNase & RNase contamination.

Catalog No.	56140010
Size	100μL / 1mL
Product Category	mRNA Raw Material

www.realgenelabs.com

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