T7 RNA Polymerase [200U/uL] (GMP Grade)

T7 RNA Polymerase, GMP Grade is derived from recombinant expression in E.coli. It is a DNA-dependent RNA polymerase that exhibits high specificity for the promoter sequence of bacteriophage T7. T7 RNA Polymerase utilizes double-stranded DNA templates containing the T7 promoter sequence and NTPs as substrates to synthesize single-stranded RNA complementary to the downstream of the promoter.

This product is manufactured and quality-controlled in compliance with GMP specifications, ensuring full traceability of the production process and raw materials. The entire production process does not involve the use of antibiotics or any animal-derived materials and excipients. Stringent controls are implemented for process-related impurities including host proteins, exogenous DNA, non-specific endonucleases, DNase, RNase, as well as microbial limits and bacterial endotoxins. This product meets the requirements for raw materials in fields such as vaccine and pharmaceutical production.

Catalog No.	517051
Size	
Product Category	In Vitro Transcription
Storage/Stability	-20°C / 2 years
Shipping	Gel Packs