

M5 T7 RNA Polymerase 聚合酶使用说明书

产品名称	单位	货号
M5 T7 RNA Polymerase 聚合酶	5000u	MF469-01
M5 T7 RNA Polymerase 聚合酶	25000u	MF469-05

【储存条件】: -20°C

【产品简介】

T7 RNA Polymerase is a DNA-dependent RNA polymerase that has a high specificity for bacteriophage T7 promoter sequences. The enzyme synthesizes large quantities of RNA from DNA inserted into a transcription vector downstream from a T7 promoter. A T7 RNA Polymerase technical bulletin is available.

【活性定义】: 1 单位指在 37°C T7 RNA 聚合酶, 1 小时内将 1 nmol 的 ATP 掺入酸不溶物所需要的酶量。

【质量控制】:

This product has passed the following quality control assays: functional absence of exonuclease, endo-ribonuclease and DNA nicking activities; performance in a transcription reaction. The enclosed buffers were assayed with the enzyme and met quality control specifications.

【产品组份】

	MF469-01	MF469-05
T7 RNA Polymerase, 50u/μl	100 μl	500 μl
10x T7 Buffer	1 ml	2x1 ml

【使用方法】

10X T7 Buffer	2 μl
each ATP, CTP, GTP, UTP	0.4 mM
linearized template DNA	0.1-1 μg
T7 RNA Polymerase, 50u/μl	1 μl
add Nuclease-free water to	20 μl

Incubation: 10 -30minutes at 37° C

NOTE: The reaction is not set up on ice due to potential precipitation of DNA in the presence of spermidine.

【备注】

本产品仅供科研使用。在确认产品质量出现问题时, 本公司承诺为客户免费更换等量的质量合格产品。