T4 RNA Ligase

Catalog # P9382 Size 100 uL

Specification

Product Description	T4 RNA Ligase is an ATP-dependent T4 RNA ligase (T4 RNA Ligase I) recombinantly expressed by *E.coli*. This enzyme catalyzes the formation of phosphodiester bonds between oligonucleotides, singl e-stranded RNA and DNA intermolecular/intra-molecular 5'-PO4 and 3'-OH.
Form	Liquid
Concentration	10 U/µL
Purity	≥95%
Recommend Usage	In Vitro Transcription The optimal working dilution should be determined by the end user.
Supplied Products	10x Reaction Buffer ATP (10 mM) PEG 8000
Storage Buffer	50 mM KCl, 10 mM Tris-HCl, 1 mM DTT, 0.1mM EDTA, 50 % Glycerol, (pH 7.4)
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- In vitro Transcription

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