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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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T4 RNA ligase

Cat. No.:	HY-E70091
Target:	DNA/RNA Synthesis
Pathway:	Cell Cycle/DNA Damage
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

T4 RNA ligase

BIOLOGICAL ACTIVITY

Description

T4 RNA ligase is an ATP-dependent RNA ligase that can catalyze the formation of phosphodiester bonds between the 5'-P end and the 3'-OH end of single-stranded RNA, single-stranded DNA or single nucleotides between molecules or within molecules. T4 RNA ligase is used for enzymatic low ribonucleotide synthesis and 3' end labeling of RNA. It is mainly used for RNA and RNA, but can also be used for RNA and single nucleotides^{[1][2]}.

REFERENCES

[1]. England TE, Uhlenbeck OC. Enzymatic oligoribonucleotide synthesis with T4 RNA ligase. *Biochemistry*. 1978 May 30;17(11):2069-76.

[2]. England TE, Uhlenbeck OC. 3'-terminal labelling of RNA with T4 RNA ligase. *Nature*. 1978 Oct 12;275(5680):560-1.

Caution: Product has not been fully validated for medical applications. For research use only.

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