

T4 DNA Ligase

Catalog Number: IEC-HMM-0043

• Basic Information

Source: Recombinant E.coli

Purity: ≥95%

Buffer: 10 mM Tris-HCl (pH7.4, 25°C), 50 mM KCl, 1 mM DTT, 0.1 mM EDTA, 50% (v/v) Glycerol

• Applications

T4 DNA ligase can catalyze the reaction between 5'-phosphate and 3'-OH in double-stranded DNA or RNA to form a phosphodiester bond. T4 DNA ligase can also repair single-strand gaps in double-stranded DNA, RNA, or DNA/RNA hybrid chains, connecting either sticky ends or blunt ends, with ATP required for the reaction.

• Specification

400 U/μL

• Storage & Transportation

-20°C



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