

**T4 DNA Ligase (5 u/  $\mu$ l) recombinant protein**  
**DNA Ligase**  
**Catalog # PBV11421r****Specification**

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**T4 DNA Ligase (5 u/  $\mu$ l) recombinant protein - Product info**Concentration **5 U/  $\mu$ l****T4 DNA Ligase (5 u/  $\mu$ l) recombinant protein - Additional Info****Other Names**

T4 DNA Ligase

Source

Assay&amp;Purity

Assay2&amp;Purity2

Recombinant

**Format**

Liquid

**E. coli****SDS-PAGE;****HPLC;****Yes****Storage**

-80°C; ENZYME STORAGE BUFFER: 20 mM Tris-HCl, pH 7.5, 50 mM KCl, 0.1 mM EDTA, 5 mM DTT, 50% glycerol (v/v).

**T4 DNA Ligase (5 u/  $\mu$ l) recombinant protein - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**T4 DNA Ligase (5 u/  $\mu$ l) recombinant protein - Images****T4 DNA Ligase (5 u/  $\mu$ l) recombinant protein - Background**

T4 DNA ligase catalyzes the formation of phosphodiester bonds between 5'-phosphate and 3'-hydroxy ends of double-stranded DNA. Single stranded nicks in double-stranded DNA are also closed by T4 DNA ligase. T4 DNA ligase needs ATP as co-factor.