

Datasheet for ABIN3188212 **T4 RNA Ligase 2 (dsRNA Ligase)**

Overview

Quantity: 100 µL

Application: Ligation (Lig)

Product Details

Characteristics: T4 RNA Ligase 2 (dsRNA Ligase) is far more active in joining nicked ends of double stranded RNA over single stranded RNA and requires an adjacent 5' phosphate and 3' OH for successful ligation to occur. The enzyme can also ligate dsRNA to dsDNA via the 3' OH of RNA and 5' phosphate of DNA to form a double stranded hybrid.

Application Details

Comment:

- ligate nicks in dsRNA.
- suitable for ligating the 3' OH terminus of RNA to the 5' phosphate terminus of DNA to form a DNA/RNA hybrid.

Restrictions: For Research Use only

Handling

Concentration: 10 U/µL

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)