

## Taq DNA Polymerase

### Product Data Sheet

**Type:** Recombinant  
**Species:**

**Cat. No.:**  
RP17930810000 (10,000 IU)  
RP1793083000 (3,000 IU)

### Description

Taq DNA Polymerase(a) is a thermostable enzyme of approximately 94 kDa isolated from *Thermus aquaticus*. This unmodified enzyme replicates DNA at 74°C and exhibits a half-life of 40 minutes at 95°C. The enzyme catalyzes the polymerization of nucleotides into duplex DNA in the 5'~3' direction in the presence of magnesium and also possesses a 5'~3' exonuclease activity. Taq DNA Polymerase is recommended for use in PCR but is not recommended for use in DNA sequencing reactions.

### Introduction to the Molecule

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### Shipping

At ambient temperature. Upon receipt, store the product at the temperature recommended below.

### Storage, Stability/Shelf Life

Stable for 5 days at 10°C, for longer period of time store at -20°C.

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