

PRODUCT DATA SHEET

Taq DNA Polymerase

Cat. No.: RP1793081000**Size:** 1,000 U**Type:** Recombinant protein**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.

Shipping:

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

Storage/Stability:

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