

## PRODUCT DATA SHEET

### Taq Plus DNA Polymerase

**Cat. No.:** RP179309250

**Size:** 250 U

**Type:** Recombinant protein

#### **Description:**

Taq Plus is a mixture of Taq and Pfu. Taq Plus, which is used to improve the reliability and yield of conventional primer extension reaction. Taq Plus has two following advantages over Taq: (1) high fidelity with an error frequency 1.6/106 (or 0.0016/103) during DNA synthesis. (2) Taq Plus increases the efficiency of polymerization reaction, resulting in a great percentage of extenuation reaction completion up to 10 kb to 30 kb. Pfu has a temperature optimum between 72-78°C and remains > 95% active following 1-hour incubation at 95°C.

#### **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.