

## Taq DNA Polymerase (TaqDNA) Protein

Catalogue No.: abx073521

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.

**Target:** Taq DNA Polymerase (TaqDNA)

**Expression:** Recombinant

**Tested Applications:** SDS-PAGE

**Recommended dilutions:** Optimal dilutions/concentrations should be determined by the end user.

**Purity:** > 95% (SDS-PAGE)

**UniProt Primary AC:** P19821 ([UniProt](#), [ExPASy](#))

**Activity:** Not tested

**Note:** THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.