

DESCRIPTION

MEDNA™ M1 DNA polymerase (Taq) is a recombinant and thermostable Taq polymerase expressed in E.coli. The enzyme is robust in amplifying DNA fragments from 100 bp to 10 kb. By the addition of A to the 3' end of the PCR product, the product can be cloned into TA vector efficiently.

BIOACTIVITY

It is supplied with 10X Taq Pol II Reaction Buffer with or without 2.5 mM MgCl₂. Concentration: 5u/uL.

BACKGROUND

Taq DNA Polymerase is a thermostable DNA polymerase that possesses a 5' → 3' polymerase activity and a 5' flap endonuclease activity.