MCLAB
Molecular Cloning Laboratories

User Manual

Version 4.0

Product name: Extreme Thermostable SSB (ET SSB)

Cat #: ETSSB-100, ETSSB-200, ETSSB-OEM

Description:

Extreme Thermostable SSB is a single-stranded DNA binding protein isolated from a hyperthermophilic microorganism. It remains fully active after incubation at 95°C for up to 60 minutes. Due to its ability to withstand extremely high temperature environment, ET SSB can be used in applications that require extremely high temperature conditions, such as nucleic acid amplification and sequencing.

Protocol:

Assayed by incubating circular single-stranded, linear, or negatively supercoiled DNA for 1 h at 37 °C. ET SSB is active in any polymerase buffer. Add 200 ng of ET SSB per 50 µl reaction.