



T4 Gene 32 Protein

Cat. No. E040

Store at -20°C.

Product Description

T4 Gene 32 Protein is a single-stranded DNA (ssDNA) binding protein which is required for T4 bacteriophage replication, recombination and repair. T4 Gene 32 Protein binds cooperatively and stoichiometrically to ssDNA effectively stabilizing it. This protein enhances DNA synthesis activities, including PCR amplification and DNA sequencing.

Product Component	Quantity	Part. No.
T4 Gene 32 Protein	100 µg	E040-1
10X T4 Gene 32 Protein Reaction Buffer	300 µl	E040-2

Product Source

Recombinant *E. coli*.

Product Applications

- Increases yield and processivity of reverse transcription
- Increases yield and specificity of PCR
- Improves restriction enzyme digestion

Protocol

Use 1X T4 Gene 32 Protein Reaction Buffer and incubate at 37°C.