

Catalog	Unit
TBP0159-100	100 µg
TBP0159-500	500 µg

Description

T4 Gene 32 Protein is a crucial single-stranded DNA (ssDNA) binding protein involved in the replication and repair of bacteriophage T4. It functions by cooperatively binding to and stabilizing transient ssDNA regions, thereby supporting the structural integrity of replication. Beyond its essential biological role, T4 Gene 32 Protein is widely utilized in research to stabilize and visualize ssDNA regions during electron microscopic studies, aiding in the detailed examination of intracellular DNA structures.

Product Details

Concentration: 5mg/ml

Application: RT-PCR & cDNA Synthesis

Storage Buffer: 20 mM Tris-HCl, 100 mM NaCl, 0.5 mM DTT, 1 mM EDTA, 50% Glycerol, pH8.0 at 25°C.

Storage: Stored at -20°C, for 24 months

Features

1. Stabilization and marking of ssDNA structures.
2. Increase yield and processivity of RT during RT-PCR.
3. Increase yield and specificity of PCR products from soil samples.

For research use only