

E. coli Single-Strand DNA Binding Protein (SSB)

Product Information

Cat#	DIA-473
Source	E. coli
Description	E. coli Single-Strand DNA Binding Protein (SSB) is essential for DNA replication and repair. Forms tetramers that specifically bind 8–16 nucleotides, protecting ssDNA from nuclease degradation. In vitro, SSB stabilizes ssDNA regions and relaxes dsDNA, enhancing polymerase activity.
Synonyms	Single-strand DNA binding protein
Applications	Enhances reverse transcription yield and extension during RT-PCR; improves DNA polymerase activity; stabilizes and labels ssDNA structures.
Package	100/500 µg