E.coli SSB

Cat. No. : RM20563

Product components

Component(s)	Component number	Size-1 100 μg	Size-2 500 μg
E.coli SSB	RM20563	50 μL	250 μL

Product Description

E. coli SSB (single-stranded binding) protein is a single-stranded DNA (ssDNA) binding protein essential for E. coli DNA replication and repair. The tetramer formed by the SSB protein specifically binds 8-16 nucleotides, thereby protecting ssDNA from nuclease degradation. In vitro experiments have shown that this protein can stabilize single-stranded regions of DNA, thereby relaxing double-stranded regions, which enhances the activity of DNA polymerase.

Source

The protein is derived from the expression and purification of the E. coli SSB gene in *Escherichia coli*.

Product Applications

- Increase the yield and processivity of RT during RT-PCR
- Enhance DNA polymerase activity
- Stabilize and label ssDNA structures

Storage

-20℃

Inhibition and Inactivation

Inactivate at 65℃ for 20min

E-mail:info@abclonal.com

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