

Single-Stranded DNA Binding Protein**SSB****Catalog # PBV11469r****Specification**

Single-Stranded DNA Binding Protein - Product info

Concentration	5 µg/ µl
Calculated MW	Consists of four identical 18.9 kDa subunits
	KDa

Single-Stranded DNA Binding Protein - Additional Info**Other Names****SSB**

Source	E. coli strain containing an overproducing clone of E. coli SSB protein.
Assay&Purity	SDS-PAGE; ≥95%
Recombinant	Yes

Format**Liquid****Storage**

-20°C; Recombinant Single-Stranded DNA Binding Protein IN 50 mM Tris-HCl (pH 7.5), 200 mM NaCl, 0.1 mM EDTA, 1.0 mM DTT, 50% glycerol.

Single-Stranded DNA Binding Protein - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Single-Stranded DNA Binding Protein - Images**Single-Stranded DNA Binding Protein - Background**

Single-Stranded DNA Binding Protein (SSB) binds with high affinity in a cooperative manner to single-stranded DNA and does not bind well to double-stranded DNA. After binding single-stranded DNA, SSB destabilizes helical duplexes, thereby allowing DNA polymerases to access their substrate more easily.