

Single-Stranded DNA Binding Protein 1 *Sulfolobus solfataricus* Recom-

Item Number	rAP-4802
Synonyms	Mt-SSB, mtSSB, SOSS-B1, SSBP, PWP1-interacting protein 17, Single-stranded DNA-binding protein, mitochondrial.
Description	Recombinant <i>Sulfolobus solfataricus</i> Single-Stranded DNA Binding Protein 1 produced in <i>E. coli</i> cells is a non-glycosylated, homodimeric protein containing 148 amino acids and having a molecular mass of 16.1kDa. The SSBP1 is purified by proprietary chromatographic techniques.
Uniprot Accession Number	
Amino Acid Sequence	MEEKVGNLKP NMESVNVTVR VLEASERQI QTKNGVRTIS EAIVGDETGR VKLTLWGKHA GSIKEGQVVK IENAWTTAFK GQVQLNAGSK TKIAEASEDG FPESQIPEN TPTAPQQMRG GGGR- FRGGGR RYGRRGRRRQ ENEEGEEE
Source	<i>Escherichia coli</i> .
Physical Appearance and Stability	Sterile Filtered clear solution. SSBP1 although stable at room temperature for 3 weeks, should be stored at 4°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).
Formulation and Purity	SSBP1 is a 0.2µm filtered concentrated solution which contains 20mM Tris, pH 7.4, 200mM NaCl, 1mM EDTA, 0.5mM DTT, and 50% Glycerol. Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**