



Single-Stranded DNA Binding Protein 1 Human Recombinant, His Tag

Item Number	rAP-4801
Synonyms	Mt-SSB, mtSSB, SOSS-B1, SSBP, PWP1-interacting protein 17, Single-stranded DNA-binding protein, mitochondrial.
Description	SSBP1 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 155 amino acids (17-148 a.a.) and having a molecular mass of 17kDa.SSBP1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q04837
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSESETTTS LVLERSLNRV HLLGRVGQDP VLRQVEGKNP VTIFSLATNE MWRSGDSEVY QLGDVSQKTT WHRISVFRPG LRDVAYQYVK KGSRIYLEGK IDY- GEYMDKN NVRQATTII ADNIIFLSDQ TKEKE.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered clear solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	SSBP1 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 95.0% as determined 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**