

Product information



SSBP1, 17-148aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2028

Full name: Single-stranded DNA-binding protein, mitochondrial

NCBI Accession No.: NP_003134

Synonyms: Mt-SSB, mtSSB, SOSS-B1, SSBP

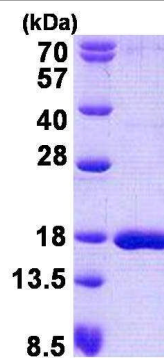
Description: SSBP is a housekeeping gene involved in mitochondrial biogenesis. This protein binds preferentially and cooperatively to ss-DNA and is probably involved in mitochondrial DNA replication and associates with mitochondrial DNA. Recombinant human SSBP1 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

Form: Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl,
30% glycerol, 1mM DTT.

Molecular Weight: 17 kDa (155aa) confirmed by MALDI-TOF

Purity: > 95% by SDS - PAGE

Concentration: 0.5 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHHH SSGLVPRGSH MGSESETTTS LVLERSLNRV HLLGRVGQDP VLRQVEGKNP VTIFSLATNE MWRSKDSEVY QLGDVVSQKTT
WHRTSVFRPG LRDVAYQYVK KGSRIYLEGK IDYGEYMDKN NVRQATTI I ADNIIFLSDQ TKEKE

General references:

Müller-Höcker J, *et al.* (1993). *Appl Immunohistochem Mol Morphol.* 9(3):276-80.

Tiranti V, Rocchi M, *et al.* (1993). *Gene.* 126(2):219-25.

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.
Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:

Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax.: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com