

AR50852PU-N

Human SSBP1 (17-148, His-tag) - Purified

Alternate names: Mt-SSB, SSBP, Single-stranded DNA-binding protein mitochondrial, mtSSB

Quantity: 0.5 mg

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

Background: 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.

Uniprot ID: [Q04837](#)

NCBI: [NP_003134](#)

GeneID: [6742](#)

Species: Human

Source: E. coli

Format: **State:** Liquid purified protein
Purity: >95% by SDS - PAGE
Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.

Description: Recombinant human SSBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

AA Sequence:

MGSSHHHHH SGLVPRGSH MGSESETTTS LVLERSLNRV HLLGRVGQDP VLRQVEGKNP
VTIFSLATNE MWRSGDSEVY QLGDVSQKTT WHRISVFRPG LRDVAYQYVK KGSRIYLEGK
IDYGEYMDKN NVRRQATTII ADNIIFLSDQ TKEKE

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

Storage: Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

General Readings: 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.

Pictures:

