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32-4965: Recombinant Single-Stranded DNA Binding Protein 1

Alternative Name : Mt-SSB,mtSSB,SOSS-B1,SSBP,PWP1-interacting protein 17,Single-stranded DNA-binding protein,mitochondrial.

Description

Source : Escherichia Coli. Recombinant Sulfolobus solfataricus Single-Stranded DNA Binding Protein 1 produced in E.coli 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. Single-Stranded DNA Binding Protein 1 (SSBP) participates in mitochondrial biogenesis. SSBP binds preferentially and cooperatively to ss-DNA. The SSBP protein is involved in mitochondrial DNA replication and associates with mitochondrial DNA.

Product Info

Amount :	20 µg
Purification :	Greater than 95.0% as determined by:(a) Analysis by RP-HPLC.(b) Analysis by SDS-PAGE.
Content :	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.
Storage condition :	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).
Amino Acid :	MEEKVGNLKP NMESVNVTVR VLEASEARQI QTKNGVRTIS EAIVGDETGR VKLTLWGKHA GSIKEGQVVK IENAWTTAFK GQVQLNAGSK TKIAEASEDG FPESSQIPEN TPTAPQQMRG GGRGFRGGGR RYGRRGGRRQ ENEEGEEE

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