9051 Mira Mesa Blvd, #910094
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SSBP1

Single-Stranded DNA Binding Protein 1 Sulfolobus solfataricus Recombinant RCP2245

Product Overview

Name	SSBP1

Description

Single-Stranded DNA Binding Protein 1 Sulfolobus solfataricus Recombinant

Synonyms

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

Introduction

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.

Source

Escherichia Coli.

Physical Appearance

Sterile Filtered clear solution.

Formulation

SSBP1 is a 0.2 µm filtered concentrated solution which contains 20mM Tris, pH 7.4, 200mM NaCl, 1mM EDTA, 0.5mM DTT, and 50% Glycerol.

Stability

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.

Purity

Greater than 95.0% as determined by: (a) Analysis by RP-HPLC. (b) Analysis by SDS-PAGE.

Amino acid sequence

MEEKVGNLKP NMESVNVTVR VLEASEARQI QTKNGVRTIS EAIVGDETGR VKLTLWGKHA GSIKEGQVVK IENAWTTAFK GQVQLNAGSK TKIAEASEDG FPESSQIPEN TPTAPQQMRG GGRGFRGGGR RYGRRGGRRQ ENEEGEEE

Precautions

SSBP1 is for research use only and not for use in diagnostic or therapeutic procedures.

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