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SSBP1 Human, His

Single-Stranded DNA Binding Protein 1 Human Recombinant, His Tag
RCP2246

Product Overview

Name	SSBP1 Human, His

Description

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

Accession (Primary)	Q04837

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 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer, (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT.

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 SDS-PAGE.

Amino acid sequence

MGSSHHHHHH SSGLVPRGSH MGS ESETTTS LVLERSLNRV HLLGRVGQDP VLRQVEGKNP VTIFSLATNE MWRSGDSEVY QLGDVSQKTT WHRISVFRPG LRDVAYQYVK KGSRIYLEGK IDYGEYMDKN NVRRQATTII ADNIIFLSDQ TKEKE.

Precautions

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

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Target Information: (Q04837)