

SSBP1 recombinant protein

SSBP1, 17-148aa, Human, His tag, E Coli

CATALOG # AAA48816	HOST E Coli	APPLICATIONS SDS-Page
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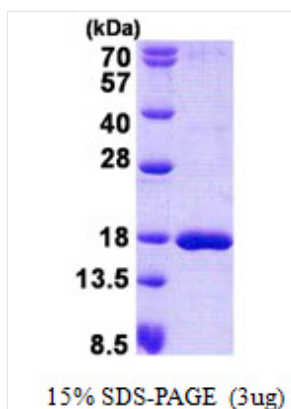
PRODUCT SYNONYMS

SSBP1; 17-148aa; Human; His tag; E Coli; Single-stranded DNA-binding protein mitochondrial; Single-stranded DNA-binding protein; mitochondrial; Mt-SSB; mtSSB; SOSS-B1; SSBP; SSBP1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 95% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1mM DTT.
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSESETTTS LVLERSLNRV HLLGRVGQDP VLRQVEGKNP VTIFSLATNE MWRSGDSEVY QLGDVSQKTT WHRISVFRPG LRDVAYQYVK KGSRIYLEGK IDYGEYMDKN NVRRQATTII ADNIIFLSDQ TKEKE
Sequence Length	148
Applicable Applications for SSBP1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for SSBP1 recombinant protein	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.
Product Categories/Family for SSBP1 recombinant protein	Metabolism
References	Muller-Hocker J, et al. (1993). Appl Immunohistochem Mol Morphol. 9 (3):276-80.; Tiranti V, Rocchi M, et al. (1993). Gene. 126 (2):219-25.;

NCBI AND UNIPROT INFORMATION

NCBI GI #	4507231
NCBI GeneID	6742
NCBI Accession #	NP_003134
NCBI GenBank Nucleotide #	NM_003143.2
UniProt Accession #	Q04837
Molecular Weight	17 kDa (155aa) confirmed by MALDI-TOF
NCBI Official Full Name	single-stranded DNA-binding protein, mitochondrial
NCBI Official Synonym Full Names	single stranded DNA binding protein 1
NCBI Official Symbol	SSBP1
NCBI Official Synonym Symbols	SSBP; mtSSB; Mt-SSB; SOSS-B1
NCBI Protein Information	single-stranded DNA-binding protein, mitochondrial
UniProt Protein Name	Single-stranded DNA-binding protein, mitochondrial
UniProt Gene Name	SSBP1
UniProt Synonym Gene Names	SSBP; Mt-SSB; MtSSB

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/ssbp1-recombinant-protein-e-coli-sds-page/48816>