

# Product datasheet for AR50852PU-S

### SSBP1 (17-148, His-tag) Human Protein

#### **Product data:**

#### OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

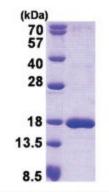
Product Type:	Recombinant Proteins
Description:	SSBP1 (17-148, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSESETTTS LVLERSLNRV HLLGRVGQDP VLRQVEGKNP VTIFSLATNE MWRSGDSEVY QLGDVSQKTT WHRISVFRPG LRDVAYQYVK KGSRIYLEGK IDYGEYMDKN NVRRQATTII ADNIIFLSDQ TKEKE
Tag:	His-tag
Predicted MW:	17 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 30% glycerol, 1 mM DTT
Preparation:	Liquid purified protein
Protein Description:	Recombinant human SSBP1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
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.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP 001243439</u>
Locus ID:	6742
UniProt ID:	<u>Q04837, A4D1U3</u>
Cytogenetics:	7q34
Synonyms:	Mt-SSB; mtSSB; SOSS-B1; SSBP



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<b>O</b> RÏGENE	SSBP1 (17-148, His-tag) Human Protein – AR50852PU-S
Summary:	SSBP1 is a housekeeping gene involved in mitochondrial biogenesis (Tiranti et al., 1995 [PubMed 7789991]). It is also a subunit of a single-stranded DNA (ssDNA)-binding complex involved in the maintenance of genome stability (Huang et al., 2009) [PubMed 19683501]. [supplied by OMIM, Feb 2010]
Protein Families	s: Druggable Genome
Protein Pathwa	<b>ys:</b> DNA replication, Homologous recombination, Mismatch repair

## Product images:



15% SDS-PAGE (3ug)

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