

## Product datasheet for **AR50852PU-N**

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

#### Product data:

Product Type:	Recombinant Proteins
Description:	SSBP1 (17-148, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSESETTTS LVLERSLNRV HLLGRVQDP VLRQVEGKNP VTIFSLATNE MWRS GDSEVY QLGDV SQKTT 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:	<a href="#">NP_001243439</a>
Locus ID:	6742
UniProt ID:	<a href="#">Q04837</a> , <a href="#">A4D1U3</a>
Cytogenetics:	7q34
Synonyms:	Mt-SSB; mtSSB; SOSS-B1; SSBP



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**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:** Druggable Genome

**Protein Pathways:** DNA replication, Homologous recombination, Mismatch repair

**Product images:**

