

Product datasheet for PH315106

SSBP1 (NM_003143) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SSBP1 MS Standard C13 and N15-labeled recombinant protein (NP_003134)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215106
Predicted MW:	17.26 kDa
Protein Sequence:	>RC215106 representing NM_003143 Red =Cloning site Green =Tags(s) MFRRPVLQVLRQFVRHESETTTSLVRLSLNRVHLLGRVGQDPVLRQVEGKNPVTIFSLATNEMWRS GDS EYQLGDVVSQKTTWHRISVFRPGLRDVAYQYVKKGSRIYLEGKIDYGEYMDKNNVRRQATTIIADNIIFL SDQTKEKE TR TRPLEQ KL ISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_003134
RefSeq Size:	628
RefSeq ORF:	444
Synonyms:	Mt-SSB; mtSSB; SOSS-B1; SSBP
Locus ID:	6742
UniProt ID:	Q04837 , A4D1U3



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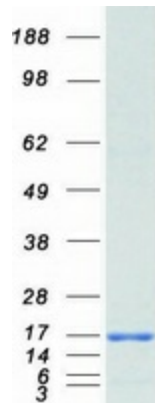
Cytogenetics: 7q34

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:



Coomassie blue staining of purified SSBP1 protein (Cat# [TP315106]). The protein was produced from HEK293T cells transfected with SSBP1 cDNA clone (Cat# [RC215106]) using MegaTran 2.0 (Cat# [TT210002]).