

Product datasheet for **TP315106M**

SSBP1 (NM_003143) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human single-stranded DNA binding protein 1 (SSBP1), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC215106 representing NM_003143 Red =Cloning site Green =Tags(s) MFRRPVLQVLRQFVRHESETTSLVLRSLNRVHLLGRVGDVPLRQVEGKNPVTIFSLATNEMWRSGDS EYVQLGDVVSQKTTWHRISVFRPGLRDVAYQYVKKGSRIYLEGKIDYGEYMDKNNVRRQATTIADNIIFL SDQTKEKE TRTRPLEQKLISEEDLAANDILDYKDDDDKV |
| Tag: | C-Myc/DDK |
| Predicted MW: | 15.1 kDa |
| Concentration: | >0.05 µg/µL as determined by microplate BCA method |
| Purity: | > 80% as determined by SDS-PAGE and Coomassie blue staining |
| Buffer: | 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol |
| Preparation: | Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps. |
| Note: | For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. |
| Storage: | Store at -80°C. |
| Stability: | Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. |
| RefSeq: | NP_003134 |
| Locus ID: | 6742 |
| UniProt ID: | Q04837 , A4D1U3 |
| RefSeq Size: | 628 |



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Cytogenetics: 7q34

RefSeq ORF: 444

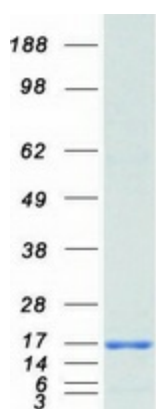
Synonyms: Mt-SSB; mtSSB; SOSS-B1; SSBP

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]).