

Product datasheet for **SC332457**

SSBP2 (NM_001256735) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: SSBP2 (NM_001256735) Human Untagged Clone
Tag: Tag Free
Symbol: SSBP2
Synonyms: HSPC116; SOSS-B2
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC332457 representing NM_001256735.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTACGGCAAAGGCAAGAGTAACAGCAGCGCCGTCCCGTCCGACAGCCAGGCCCGGGAGAAGTTAGCA
CTCTACGTATATGAATATCTGCTCCATGTAGGAGCTCAGAAATCAGCTCAAACATTTTTATCAGAGATA
AGATGGGAAAAAACATCACATTGGGGGAACCACCAGGATTCTTACATTCTTGGTGGTGTGATTTTTGG
GATCTCTACTGTGCAGCTCCAGAGAGACGTGAAACATGTGAACACTCAAGTGAAGCAAAAGCCTCCAT
GATTACCCTTTTATGTCACCTCGGTACCCTGGAGGTCCAAGGCCCCATTGAGGATACCTAATCAGGCA
CTTGGAGGTGTCCAGGAAGTCAGCCATTACTCCCAGTGAATGGATCCAACACTCGACAACAAGGACAT
CCAATATGGGTGGGCAATGCAGAGAATGACTCCTCCAAGAGGAATGGTGCCCTTAGGACCACAGAAC
TATGGAGGTGCAATGAGACCCCACTGAATGCTTTAGGTGGCCCTGGAATGCCTGGAATGAACATGGGT
CCAGGTGGTGGTAGACCTTGGCCAAACCAACAAATGCCAATTCAATACCATACTCCTCAGCATCTCCT
GGGAATTATGTAGGTCTCCAGGAGGTGGAGGGCCACCAGGAACCCCATCATGCCTAGTCCAGCAGAT
TCAACCAACTCTGGTGATAACATGTATACTTTAATGAATGCAGTACCTCCTGGACCTAACAGACCTAAT
TTTCCAATGGGTCTGGTCCAGATGGTCCCATGGTGGATTAGGAGGAATGGAGTCACATCATGAAT
GGCTCTTAGGCTCAGGAGATATGGACAGTATTTCCAAGAATTCCCAATAATATGAGCCTGAGTAAT
CAACCGGCACTCAAGGGATGATGGCGAAATGGGGGAAATTTCTAAATCCTTTTCAGAGTGAGAGT
TACTCCCCTAGCATGACAATGAGCGTGA
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001256735
Insert Size: 996 bp
OTI Disclaimer: Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).



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Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq: [NM_001256735.1](#)

RefSeq Size: 4351 bp

RefSeq ORF: 996 bp

Locus ID: 23635

UniProt ID: [P81877](#)

Cytogenetics: 5q14.1

Protein Families: Transcription Factors

MW: 35 kDa

Gene Summary: This gene encodes a subunit of a protein complex that interacts with single-stranded DNA and is involved in the DNA damage response and maintenance of genome stability. The encoded protein may also play a role in telomere repair. A variant of this gene may be associated with survival in human glioblastoma patients. [provided by RefSeq, Sep 2016]
Transcript Variant: This variant (5) lacks an exon and uses an alternate splice site in the coding region, but maintains the reading frame, compared to variant 1. The encoded isoform (5) is shorter than isoform 1. Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.