

Product datasheet for **RC231845**

SSBP1 (NM_001256510) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SSBP1 (NM_001256510) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SSBP1
Synonyms: Mt-SSB; mtSSB; SOSS-B1; SSBP
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC231845 representing NM_001256510
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTTTCGAAGACCTGTATTACAGGTACTTCGTCAGTTTGTAAAGACATGAGTCCGAAACAACCTACCACTT
TGGTCTTGAAAGATCCCTGAATCGTGTGCACTTACTGGGCGAGTGGTCAGGACCCTGTCTTGAGACA
GGTGAAGGAAAAATCCAGTCACAATATTTCTCTAGCAACTAATGAGATGTGGCGATCAGGGGATAGT
GAAGTTTACCAACTGGGTGATGTCAGTCAAAGACAACATGGCACAGAATATCAGTATCCGGCCAGGCC
TCAGAGACGTGGCATATCAATATGTGAAAAGGGTCTCGAATTTATTTGGAAGGAAAAATAGACTATGG
TGAATACATGGATAAAAATAATGTGAGGCGACAAGCAACAACAATCATAGCTGATAATATTATTTCTG
AGTGACCAGACGAAAGAGAAGGAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC231845 representing NM_001256510
Red=Cloning site Green=Tags(s)

MFRRPVLQVLRQFVRHESETTSLVLERSLNVRHLLGRVQDPVLRQVEGKNPVTIFSLATNEMWRSKDS
EYVQLGDVYQKTTWHRISVFRPGLRDVAYQVYVKKGSRIYLEGKIDYGEYMDKNNVRRQATTTIADNIIIFL
SDQTKEKE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

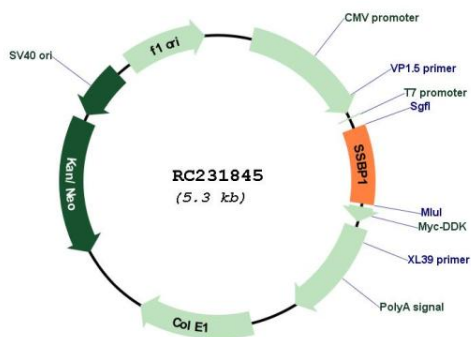
Chromatograms: https://cdn.origene.com/chromatograms/mk6046_a05.zip



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UniProt ID: [Q04837](#)
Cytogenetics: 7q34
Protein Families: Druggable Genome
Protein Pathways: DNA replication, Homologous recombination, Mismatch repair
MW: 17.3 kDa
Gene 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]

Product images:



Circular map for RC231845