

Product datasheet for SC330444

SSBP1 (NM_001256513) Human Untagged Clone

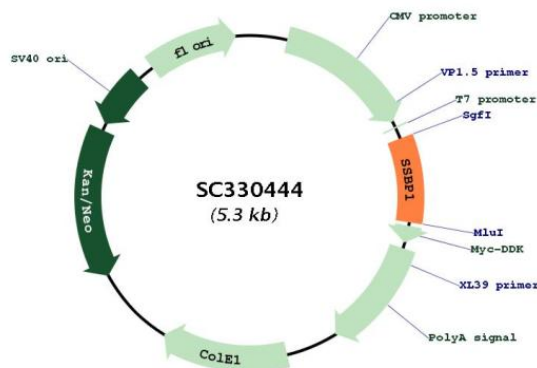
Product data:

Product Type:	Expression Plasmids
Product Name:	SSBP1 (NM_001256513) Human Untagged Clone
Tag:	Tag Free
Symbol:	SSBP1
Synonyms:	Mt-SSB; mtSSB; SOSS-B1; SSBP
Vector:	pCMV6-Entry (PS100001)
Fully Sequenced ORF:	>SC330444 representing NM_001256513. Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGTTTCGAAGACCTGTATTACAGGTA CTTTCGT CAGTTTGT AAGACATGAGTCCGAAACA CTACCAGT
TTGGTTC TTGAAAGATCCCTGAATCGTGTGC ACTTACTTGGGCGAGTGGGT CAGGACCCTGTCTTGAGA
CAGGTGGAAGGAAAAATCCAGT CACAATATTTTCTCTAGCAACTAATGAGATGTGGCGATCAGGGGAT
AGTGAAGTTTACCAACTGGGTGATGT CAGTCAAAAGACAACATGGCACAGAATATCAGTATTCGGCCA
GGCCTCAGAGACGTGGCATATCAATATGTGAAAAAGGGTCTCGAATTTATTTGGAAGGGAAAAATAGAC
TATGGTGAATACATGGATAAAAAATAATGTGAGGCGACAAGCAACAACAATCATAGCTGATAATATTATA
TTTCTGAGTGACCAGACGAAAGAGAAGGAGTAG
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Restriction Sites: SgfI-MluI

Plasmid Map:



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ACCN:	NM_001256513
Insert Size:	447 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).
Reconstitution Method:	<ol style="list-style-type: none">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_001256513.1
RefSeq Size:	807 bp
RefSeq ORF:	447 bp
Locus ID:	6742
UniProt ID:	Q04837
Cytogenetics:	7q34
Protein Families:	Druggable Genome
Protein Pathways:	DNA replication, Homologous recombination, Mismatch repair
MW:	17.3 kDa
Gene Summary:	<p>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]</p> <p>Transcript Variant: This variant (4) differs in the 5' UTR compared to variant 1. Variants 1 through 5 encode the same protein.</p>