

Product datasheet for MR201027

Ssbp1 (NM_212468) Mouse Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

Product Type:	Expression Plasmids
Product Name:	Ssbp1 (NM_212468) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Ssbp1
Synonyms:	2810480P10Rik; G630031O20Rik; mtDBP; MtSSB
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR201027 representing NM_212468 Red=Cloning site Blue=ORF Green=Tags(s)
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C
	ATGTTTCGAAGACCTGTGTTACAGGTATTTCGTCAGTTTGTAAGACATGAGTCTGAAGTAGCCAGCAGTT TGGTTCTTGAACGATCTCTGAATCGTGTTCAGTTACTTGGACGAGTAGGTCAGGACCCTGTCATGAGACA GGTGGAAGGAAAAAACCCAGTCACAATATTTTCTCTAGCAACAAATGAGATGTGGCGATCAGGGGATAGT GAAGTATACCAAATGGGTGACGTTAGTCAGAAGACGACGTGGCACAGAATATCAGTGTTTCGACCAGGCC TCAGAGATGTGGCATATCAGTATGTGAAAAAAGGGGGCTCGTATATTTGTGGAAGGGAAAGTGGACTATGG CGAGTACATGGATAAAAACAATGTGAGGCGGCAAGCAACAACAATCATAGCTGATAACATTATATTTCTG AGTGACCAGACAAAAGAAAAG
	ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT ACAAGGATGACGACGATAAG GTTTAA
Protein Sequence:	>MR201027 representing NM_212468 <mark>Red</mark> =Cloning site Green=Tags(s)
	MFRRPVLQVFRQFVRHESEVASSLVLERSLNRVQLLGRVGQDPVMRQVEGKNPVTIFSLATNEMWRSGDS EVYQMGDVSQKTTWHRISVFRPGLRDVAYQYVKKGARIFVEGKVDYGEYMDKNNVRRQATTIIADNIIFL SDQTKEKA
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Chromatograms:	https://cdn.origene.com/chromatograms/mm9035_f05.zip



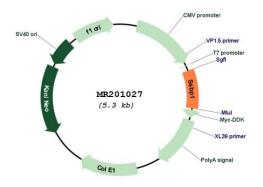
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Local Description 2000 Local Description 2000 Local Description 20	Cloning Scheme:	Sgfi ORF Miul
accesses accesses accesses accesses accesses ACCN: NM_212468 Add bp OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ throug naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene. 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: 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and dad 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 liqui at the bottom. 5. Store the suspended plasmid at -20°C. RefSeq: NM 212468.3, NP 997633.1 RefSeq Size: 1489 bp		EcoRI BamHI Kpn I RBs Sgf I CTATAGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGGG
ACCN:NM_212468ORF Size:444 bpOTI Disclaimer:The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ throug naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.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). 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 liqui 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 212468.3 NP 997633.1RefSeq ORF:447 bp		gat ctg gca gca aat gat atc ctg gat tac aag gat gac gac gat aag gtt taa acggccgggc
DRF Size:444 bpDTI Disclaimer:The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ throug naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More infoDTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.DTI Annotation:This 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: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 liqui 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 212468.3, NP 997633.1 RefSeq ORF:RefSeq ORF:449 bp		
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	efSeq Size:	1489 bp
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	ocus ID:	381760

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	Ssbp1 (NM_212468) Mouse Tagged ORF Clone – MR201027
UniProt ID:	<u>Q9CYR0</u>
Cytogenetics:	6 B1
MW:	17.6 kDa
Gene Summary:	This protein binds preferentially and cooperatively to ss-DNA. Probably involved in mitochondrial DNA replication. Associates with mitochondrial DNA (By similarity). [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201027

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