

## Product datasheet for **MC200442**

### Ssbp3 (NM\_198438) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Ssbp3 (NM_198438) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ssbp3
Synonyms:	2610021L12Rik; 2610200M23Rik; 5730488C10Rik; AI854733; AW551939; LAST; SSDP1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC003430 sequence for NM_198438

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GCCAGCGCCTGGGAGGGAGGCGGGAGCGGAGTGCAGCGAGCGGGCGAGCGCCGGGAGGGGGCC
GGGAGCAGGGCAGCTCGGGAGACCGGACGGTAGCGGGCGGGCGGGCTCGGCGCCCTCTTCTGCAAGC
CATGTTTGCCAAAGGCAAAGGCTCGGCGGTGCCCTCGGACGGGCGAGGCTCGGGAAAAGTTAGCTTTATAC
GTCTACGAATATTTACTGCACGTAGGAGCACAGAAATCTGCACAGACCTTCTATCAGAGATTTCGATGGG
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GCAGCAGCTGCCCAAGCCCTGTGCTTGGCAACATCCCCCAATGATGGGATGCCCGGAGGCCCATCC
CGCCAGGTTTCTTTCAGCCTTTTATGTCACCGGATATGCAGGCGGCCCCAGGCCCCGATCAGAATGGG
AAACCAGCCTCCAGGAGGAGTTCCTGGGACACAGCCACTGCTGCCAATCCATGGATCCCACACGACAA
CAAGGTACACCAACATGGGAGGATCAATGCAGAGAATGAACCTCCCCGAGGCATGGGGCCCATGGGGC
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TAACATGGGCCAGGAGCTGGCAGACCCTGGCCAATCCAACAGTGCTAACTCAATCCCGTACTCTCC
TCATCACCCGGAACCTATGTGGGACCCCTGGTGGTGGTGGCCCTCCAGGAACCCCATCATGCCTAGTC
CTGCAGATTCAACAAATTCAGTGACAACATCTACACAATGATTAATCTGTGCCGCTGGAGGCAGCCG
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CGACAATTATTCTCCGAGCATGACGATGACGCTGTGACCCCTCCGAGACGCTGGGAGCCAGCATTGCAG
GCAGAAGATGCCAAGAATTATGCAAGAAGTGAGGTGTCCATACCAGGAGCTGGGGGAGGGCATCTCCTGC
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TCTTCCCGCCAAAAGGACCTTTCTGTACATGACACTTTTTGTTGGTTTTTTGTTTGGGATTTTAC
CGTTGCTGGGATTTTAAATTTGTTTTTTTTTCCCGGGTGGGGGTGTTCTTTGGGGGAATTTTTTTTT
TAATGGAAGCTTCTAGCAAGCCCTATGCCCAACCAATCAACCTCTTTGCTTTCTTTAAAAAAGG
AAAAAAGGAAAAAGAAAAAAGAAAAAAGAAAAAAGGCAAAAAAAAAAAAAAAAAAAAA

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<b>Restriction Sites:</b>	RsrII-NotI
<b>ACCN:</b>	NM_198438
<b>Insert Size:</b>	1086 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">BC003430</a> , <a href="#">AAH03430</a>
<b>RefSeq Size:</b>	1740 bp
<b>RefSeq ORF:</b>	1086 bp
<b>Locus ID:</b>	72475
<b>UniProt ID:</b>	<a href="#">Q9D032</a>
<b>Cytogenetics:</b>	4 C7
<b>Gene Summary:</b>	This gene encodes a member of the Ssdp (sequence-specific single-stranded DNA binding protein) family of proteins. The encoded protein binds specifically to single-stranded pyrimidine-rich DNA elements. The encoded protein has been shown to be important for head development and may play a role in the differentiation of spinal interneurons. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Apr 2015] Transcript Variant: This variant (2) lacks an alternate in-frame exon in the 5' coding region, compared to variant 1. The encoded isoform (b) is shorter than isoform a.