

Product datasheet for **MC200083**

Spp1 (BC002113) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Spp1 (BC002113) Mouse Untagged Clone
Tag: Tag Free
Symbol: Spp1
Synonyms: minopontin, BNSP, BSPI, ETA-1, OP
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC002113
 CCCACGCGTCCGCGGACGCGTGGGCCTTGCTTGGGTTTGCAGTCTTCTGCGGCAGGCATTCTCGGAGGAA
 ACCAGCCAAGGACTAACTACGACCATGAGATTGGCAGTGATTTGCTTTTGCCTATTTGGCATTGCCTCCT
 CCTCCCCTGAAAGTGACTGATTCTGGCAGCTCAGAGGAGAAGAAGCTTTACAGCCTGCACCCAGATCC
 TATAGCCACATGGCTGGTGCCTGACCCATCTCAGAAGCAGAATCTCCTTGCGCCACAGAATGCTGTGTCC
 TCTGAAGAAAAGGATGACTTTAAGCAAGAACTCTTCCAAGCAATTCCAATGAAAGCCATGACCACATGG
 ACGACGATGATGACGATGATGATGACGATGGAGACCATGCAGAGAACGAGGATTCTGTGGACTCGGATGA
 ATCTGACGAATCTCACCATTCCGATGAGTCTGATGAGACCTTCACTGCTAGTACACAAGCAGACACTTTC
 ACTCCAATCGTCCCTACAGTCGATGTCCCCGACGGCCGAGGTGATAGCTTGGCTTATGGACTGAGGTCCA
 AGTCTAGGAGTTTCCAGGTTTCTGATGAACAGTATCCTGATGCCACATATGAGGACCTAACCTCTCACAT
 GAAAAGCGGTGAGTCTAAGGAGTCCCTCAATGTCATCCCTGTTGCCAGCTTCTGAGCATGCCCTCTGAT
 CAGGACAACAACGGAAGGGCAGCCATGAGTCAAGTCAGCTGGATGAACCAAGTCTGAAAACACACAGCC
 TTGAACATTTCAAAGAGAGCCACGAGAGTGCCGATCAGTCGGATGTGATCGATAGTCAAGCAAGTTCCAA
 AGCCAGCCTGGAACATCAGAGCCACAAGTTTACAGCCACAAGGACAAGCTAGTCCTAGACCCTAAGAGT
 AAGGAAGATGATAGGCATCTGAAATTCGCATTTCTCATGAATTAGAGAGTTCATCTTCTGAGGTCAACT
 AAAGAAGAGGCAAAAACACAGTTCCTTACTTTGCATTTAGTAAAAACAAGAAAAGTGTAGTGAGGTT
 AAGCAGGAATACTAAGTCTCATTCTCAGTTCAGTGGATATATGTATGTAGAGAAAAGAGAGAGGTAATA
 TTTTGGGCTCTTAGCTTAGTCTGTTGTTTCATGCAAAACACCGTTGTAACCAAAAAGCTTCTGCACTTTGCT
 TCTCTTCTCCTGTACAAGAAATGCAAAACGGCCACTGCATTTTAAATGATTGTTATCTTTTATGAATAAA
 ATGTATGTAGAAAACAAGCAAATTTACTGAAACAAGCAGAATTAAGAAAAGAACTGTAAACAGCTATGTCACT
 ATACCCTTTTAGTTTTATAATTAGCATATATTTTGTGATTATTTTTTTTTTGTGGTGTGAATAAATC
 TTGTAACGAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: BC002113
Insert Size: 888 bp



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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:	<u>BC002113</u> , <u>AAH02113</u>
RefSeq Size:	1428 bp
RefSeq ORF:	888 bp
Locus ID:	20750
Cytogenetics:	5 50.68 cM
Gene Summary:	Binds tightly to hydroxyapatite. Appears to form an integral part of the mineralized matrix. Probably important to cell-matrix interaction.[UniProtKB/Swiss-Prot Function]