

## Product datasheet for **MR226579**

### Spp1 (NM\_009263) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Spp1 (NM\_009263) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Spp1  
**Synonyms:** 2AR; Apl-1; BNSP; Bsp; BSPI; Eta; ETA-1; OP; Opn; Opnl; Ric; Spp-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR226579 representing NM\_009263  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGATTGGCAGTGATTTGCTTTTGCCTGTTTGGCATTGCCTCCTCCCTCCCGGTGAAAGTGACTGATT  
CTGGCAGCTCAGAGGAGAAGCTTTACAGCCTGCACCCAGATCCTATAGCCACATGGCTGGTGCTGACCC  
ATCTCAGAAGCAGAATCTCCTTGCGCCACAGAATGCTGTGCTCTGAAGAAAAGGATGACTTTAAGCAA  
GAAACTCTTCCAAGCAATCCAATGAAAGCCATGACCACATGGACGACGATGATGACGATGATGATGACG  
ATGGAGACCATGCAGAGAGCGAGGATTCTGTGGACTCGGATGAATCTGACGAATCTCACCATTCCGGATGA  
GTCTGATGAGACCGTCACTGCTAGTACACAAGCAGACACTTTCACTCCAATCGTCCCTACAGTCGATGTC  
CCCAACGGCCGAGGTGATAGCTTGGCTTATGGACTGAGGTCAAAGTCTAGGAGTTTCCAGGTTTCTGATG  
AACAGTATCCTGATGCCACAGATGAGGACCTCACCTCTCACATGAAGAGCGGTGAGTCTAAGGAGTCCCT  
CGATGTCAATCCCTGTTGCCAGCTTCTGAGCATGCCCTCTGATCAGGACAACAACGGAAAGGGCAGCCAT  
GAGTCAAGTCAGCTGGATGAACCAAGTCTGAAACACACAGACTTGAGCATTCCAAGAGAGCCAGGAGA  
GTGCCGATCAGTCGGATGTGATCGATAGTCAAGCAAGTTCCAAGCCAGCCTGGAACATCAGAGCCACAA  
GTTTCACAGCCACAAGGACAAGCTAGTCTAGACCCTAAGAGTAAGGAAGATGATAGGTATCTGAAATTC  
CGAATTTCTCATGAATTAGAGAGTTCATCTTCTGAGGTCAAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**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 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\\_009263.3](#)

**RefSeq Size:** 1410 bp

**RefSeq ORF:** 885 bp

**Locus ID:** 20750

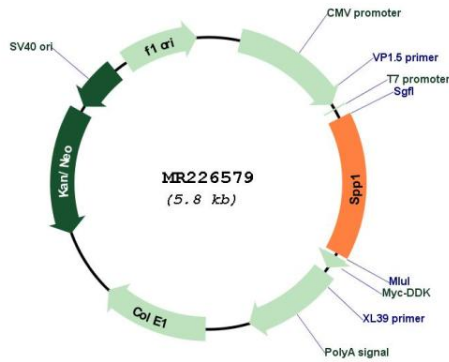
**UniProt ID:** [P10923](#)

**Cytogenetics:** 5 50.68 cM

**MW:** 32.9 kDa

**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]

**Product images:**



Circular map for MR226579