

Product datasheet for MR229068

Spp1 (NM_001204233) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Spp1 (NM_001204233) 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:	>MR229068 representing NM_001204233 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

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

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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_001204233.1](#), [NP_001191162.1](#)

RefSeq Size: 1517 bp

RefSeq ORF: 885 bp

Locus ID: 20750

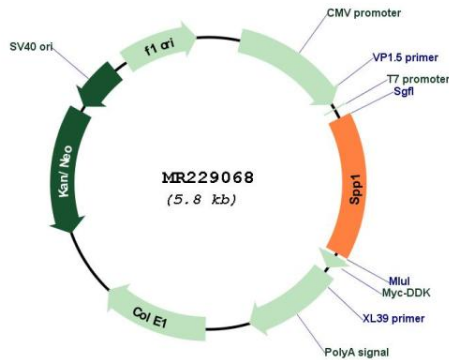
UniProt ID: [P10923](#)

Cytogenetics: 5 50.68 cM

MW: 32.5 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 MR229068