

## Product datasheet for MC223068

### Sipa1 (NM\_001164481) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sipa1 (NM\_001164481) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Sipa1  
**Synonyms:** Spa1  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC223068 representing NM\_001164481  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGTGGGCGGCGGTGTGGGAGCCCTCGGCGGGGCATGGCCCTGCACCTACCGATGACCTCTTTGCC  
 GTAAGCTTCGCCAACCTGCCGGCCCCACTGACACCACATACCTTTGAGCCGAGGCCAGCTCGGGGCC  
 ACTCTTGCGCAGTGGCAGTGATGCTGGTGAAGTCGGGCCCTACACCAGCCAGCCCCGTGCCCGTGCC  
 CACAGCCACGAGGATGCCAGCCGCCCTGCTGCAACCCCTACTCGGCTCTTCACTGACCCACTGGCACTGC  
 TAGGGTTGCCAGCAGAAGAGCCAGAGCCACCTTCCCAGCAGTGTGGAACCCCGGTGGTTTGCTACTA  
 TGATGTGCAGAGCTTGCTCTTTGACTGGGCTCCACGACCTCGGGGGACAGGCAGCCATATAGAGGCAAAC  
 TCTGGGACCTTAGCTGAGGGCCAGACTACCACCTCAGATCTACTGCTCGGGGCACCTGGCTTTGTGAGCG  
 AGCTTGGTGGTGAGGGTGAGCTAGGGCTGGGTGGGCAATATCCCACCTGTGCCCCCTGCACTGCCTAA  
 TGCGGCTGTGTCCTGCTGGAGGAGCCACAGACCCGACCACAGCTTACAGCCTGGAGCACGCAGATCTG  
 GGTGCAGGCTACTACCGAAGTACTTCTATGGCAAAGAACCAGAACTTCTTTGGGCTGGATGAGGCGC  
 TGGTCCGGTGGCCGTGAGCCTGCGACGGGAGGAGAAAGAGGGCAGCGGAGGGGGCACCTACACAGTA  
 CCGGGTCATCGTGCGGACCAGCAGCTCCGGACCCTCCGTGGCACCATCTCGGAGGACGCACTGCCTCCC  
 GGCCCCCGAGGGGCTATCTCCGAGGAAGCTTCTGGAACATGTGGCTCCACGGCTGAGCCCCACCTGCC  
 TGCGCCTGGGTTGAGCCTCTCCAAGGTGCCCGCACGCTGCTTACTCTGGATGAGCAAGTGCTGAGCTT  
 CCAACGCAAGGTGGGCATCTGTACTGCCGCGCAGGCCAGGGCTCTGAGGAAGAGATGTACAACAACCG  
 GAGGCCGAGCAGCCTTTATGCAGTTCTTACCTTGTGGGTGATGTGGTGCAGTCAAAGGCTTTGAAA  
 GTTACCGGGCCAGCTGGATACCAAAACGGATTCCACGGGCACACACTCACTCTACACCACCTACCAAGA  
 CCATGAGATCATGTTTCACGTGCCACGATGCTGCCTTACACGCCTAATAACCAGCAACAGCTCCTGAGG  
 AAGCGTCATATCGGCAACGATATTGTGACCATCGTGTCCAGGAGCCCGTAGCAAGCCCTTCTGCCCTA  
 CGACAATCCGCTCACTTCCAGCACGTTTTCTGGTGGTGCGTGCGCATGCTCCCTGCACCCACACAC  
 CTCATACAGGGTGGCAGTGAGCCGACCCAGGACACTCCTGCCTTCGGTCTCGGCTGCCAGAAGCGGA  
 GGCCCCTTGCGCAATGCCGATTTCCGGGCTTTCTGTTGGCTAAGGCACTCAATGGTGGCAAGCGG



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CTGGTCATGCACGCCAGTTCACGCCATGGCTACACGCACACGCCAACAGTACCTGCAGGACCTGGCTAC  
 TAATGAAGTGACCACTACTTCGCTGGACTCGGCTTCGCGGTTTGGCCTGCCATCTCTGGGGGTAGGCGC  
 CGGGCAACCCCTCGGAGCCCAGGCGGGAGCTACAGGCGGCGGTGCGCTGATGTGGGCGTACGCGCGG  
 CTCCAGGGGCGCGGTGCGCAGCGGGAGCTGAAACGAGCGGTCCGGAGGACGCCGAGGTGCCCTGCTTGT  
 GGGCATCTCAGCAGAGACTGGTGTGGTGGCACCTCGCGACGCCCGTGGTCTTCAATTGTGCCTGT  
 CGCGACGTATTGGCCTGGACCTTCTCAGAGCACAACCTCGATCTGTACCACGGGCGGGGAGGCCATCA  
 CGCTGCGGCTCGACGGGCCCCAGGGCAAGCCGTGGGCGAAGTCTGGCACGTCTGCAGCTGGTGAAGCCG  
 CGGGTGTGAGACCAGAGAACTAGCGCTGCCAGAGATGGCCAAGTTCGCTGGGCTTCGAGGTGGATGCA  
 GAAGGCTTCATCACGCACGTGGAGCGTTCACGTTTTCGGAGACCACGGGGCTTCGGCTGGAGCTCGTT  
 TGCTGCGAGTCTGCGGCCAGACGCTGCCAAGCTGGGTCCCGAAGCTGCTGCCAGATGCTGCGCTCTGC  
 GCCAAGGTCTGCGTCACGGTCTACCCCCAGACGAGAGCGGCCGCGGAAGGAGCTTTTCGGAGCTC  
 TATATGCTCTCTGAAGGAACCCAGCCGGCGGGGGTCCAGAGCCAGTACAGGATGAACTGGGAAGT  
 TGGTCATATTGCCTCCACCAAGCAGCTGCTACATTTTTCGCTGAAAGACAGCAGAGTCTCCGGGGCC  
 TGGGATCTGACTGAGGAGAGGACAGAGTTCCTGCGCAGCCACAACCTCCCTGTCATCTGGAAGTCCCTG  
 TCCGATGAGGCTCCAGTCTGCCAACACCACTCCAGACCTCCTCTGTACCCTGCCAACCCATCTG  
 CACCTGGTACTGACAGAGAAACACCCCTTCCCAGGACCAAGTACAGGAGCCCAAGTACGATGAAGACAC  
 CAGTGACTCAGGCCAGAACTGAGGGCCTCCATCTGCCAGAACCTTGTCTCTGCGGAATTCCATCAGT  
 AAGATTATGTCGGAAGCTGGCAGTGAACCCCTGGAGGATGAGTGGCAGTCCATCTCAGAGATCGCTCCA  
 CTTGCAACACAATTCTGGAGTCACTGTCCCGGGAGGGACAACCCATCTCAGAGAGCGGAGACCCCAAGGA  
 AGCTTTAAAGTGTGATTCTGAGCCAGAACCAGGAGCCTGTGAGAAAAGTCTCTCACCTAGAGTCCATG  
 CTCTGGAAGTCCAGGAGGACCTGCAGAGGGAGAAGGCGGACAGGGCAGCCTTGGAGGAGGAGTTCCGA  
 GCCTCAGACACAACAACCAGAGGCTGCTGGCAGAGTCCGAGAGTCCGCCACCCGCTGCTCTGGCCTC  
 TAAGCATCTGGTGCACCCACTACTGACCTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001164481

**Insert Size:**

3117 bp

**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:**

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\_001164481.1, NP\_001157953.1
**RefSeq Size:**

3868 bp

**RefSeq ORF:**

3117 bp

Locus ID: 20469

Cytogenetics: 19 4.34 cM