

## Product datasheet for RN200994

### Sipa1 (NM\_001004089) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Sipa1 (NM\_001004089) Rat 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:** >RN200994 representing NM\_001004089  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTGGGCGGCGGTGTGGGAGCCCTCGGCGGGGCATGGCCCTGCACCTACCGATGACCTCTTTGCC  
 GTAAGCTGCGCAACCCGCCCGCCCTGACACCACATACTTTGAGCCAAGGCCAGCTCGGGGCC  
 ACTCCTGCGCAGTGGCAGTGATGCTGGTGAAGTCCGGCCTCTACACCAGCCAGCCCCGTGCCCTGCC  
 CACAGCCATGAGGATACCAGCCGCCCTGCTGCAACCCCTACTCGGCTCTCACTGACCCACTGGCACTAC  
 TGGGGTTGCCAGCTGAGGAGCCAGAGCCACCTTCCCACCAAGTGTAGAACCCCGATGGTTTGCTACTA  
 CGATGTGCAGAGCTTGTCTTTGACTGGGCTCCACGACCTCGGGCGACAGGCAGCCATACCGAGTCTAAC  
 TCTGGGACTCTGGCCTTAGCTGAGGACCAGACTACCACCTCAGATCTACTGCTCGGGCACCTGGCTTTG  
 TGAGCGAGCTTGGTGGGAGGGTGAAGTGGGCTGGTGGACCAATATCCCCACCTGTGCCCCCTGCACT  
 GCCTAATGCGTCTGTGTCAGTCTGGAGGAGCCACAGACCCGGACCACAGCTTACAGCCTGGAGCACGCA  
 GATCTGGGTGCAGGCTACTACCGCAAGTACTTCTATGGCAAAGAACACCAGAATTCTTTGGGCTGGATG  
 AGGCGCTGGTCCGGTGGCAGTGAGCCTACGACGGGAGGAGAAAGAGGGCAGCGGAGGGGCCACCTACA  
 CAGTTATCGGGTATCGTACGGACCACGACGCTCCGGACTCTCCGTGGCACCATCTCGGAGGATGCACTG  
 CCTCCCGGCCCCCGAGGGCCCTATCTCCGAGGAAGCTTCTGGAACACGTGGCTCCACGGCTGAGCCCAA  
 CCTGCCTGCGCCTGGGTTGAGCCTCTCCAAGGTGCCCGCACGCTGCTTACTCTAGATGAGCAAGTGT  
 GAGTTTCCAACGCAAGGTGGCATCCTGTACTGCCGGGCCGCAAGGCTCTGAGGAAGAGATGTACAAC  
 AACCGAAGCCGGAGCAGCCTTATGCAAGTCTCACCTGCTGGTGTGTGGTGGGACTCAAAGGCT  
 TCGAGAATTACCGGCCAGCTGGATACAAAACGGATTCCACGGGCGCACATTCCTCTATACCACCTA  
 CCAAGACCATGAGATCATGTTTACGTGTCCACGATGCTGCCTTACACGCTAATAACCAGCAACAGCTC  
 CTGAGGAAGCGTCATATCGGCAATGATATTGTGACCATCGTGTCCAGGAGCCGGTAGCAAGCCCTTCT  
 GCCCACAACTATCCGCTCTCACTTCCAGCACGTTTTCTTGGTGGTGGTGGCAGTGCACCTGACCCCTGACCC  
 ACACACCTCATACAGGTGGCAGTGAGCCGCACACAGGACACTCTGCCTTCGGGCCGGCGCTGCCAGAA  
 GGCGGAGGCCCTTTGCAGCCAATGCTGATTTCCGGGCCCTTTCTGTTGGCCAAGGCACTCAATGGTGAAG



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AAGCGGCCGGTTCATGCACGCCAGTTCACGCCATGGCTACACGCACACGTCAACAGTACCTGCAGGACCT  
 GGCTACTAATGAAGTGACCACTACTTCGCTGGATTTCGGCTTCGCGGTTTGGCCTACCATCTCTGGGGGGC  
 AGGCGCCGGGCAACCCCTCGGAGCCCAGGCGCAGAGCTGCAGGCGGGGGCGCGCTAATGTGGGGCGTGC  
 GCGCGCTCCAGGGGCGGGTCTCAGCGGGAGCTGAAACAGGCGGCCAGACCACGCCGAGGTGCCATG  
 CTTGTTGGGCATCTCAGCAGAGACCCTGGTGCTAGTGACACCTCGCGACGGCCGGTGGTCTTCAATTGT  
 GCCTGTGCGGATGATTGGCCTGGACCTTCTCAGACCATCAACTTGATCTATACCAGGGGCGGGAGAGG  
 CGATCACGCTACGACTCGACGGGGCCCCAGGGCAAGCCGTGGGCGAAGTGTGGCACGCTGCAGCTGGT  
 GAGCCGGGGCTGTGAGACCAGAGAAGTACCCCTGCCAGAGATGGCCAAGGTCCGCTGGGCTTCGAGGTG  
 GATGCAGAGGGTTTCATCACGCAGTGGAAACGCTTACGTTTCGCGGAGACCACGGGGCTTCGGCCTGGAG  
 CACGTCTGCTGCGGATGTGGCCAGACGCTGCCCAAGCTGGTCCAGAAGCTGTGCCAGATGTGCG  
 CTCTGCGTCCAAGGTCTGCGTACGGTCTGCCCCAGATGAGAGCGGGCCGCGGAAGGAGCTTTTCC  
 GAGCTGTACACGCTGTCTGAAGGAACCCAGCCCGCTGCGGCCCCAGAGCCAGAACAAGATGAGACTG  
 AGAAGCTGGTACCTTGGCCGTGCAAAGCAGCTGCTACATTTTTGCCTGAAGGACGGTGGTAGCTCCTC  
 GGGCCTGGGGATCTCACTGAGGAGAGGACAGAGTTCTGCACAGCCACAACCTCCTGTCACCTCGCAGC  
 TCCATGTCCGATGAGGCTCCAGTCTGCCAACACCCTCCAGACCTCCTCCTGTCACCTCGCAGC  
 CATTGGCACCCGGTACTGACAGAGAGACGCCCTTCCCAGGACCAGTCGGGAAGCTCCAGTAGCATGA  
 AGACACCAGTGACTCGGCACCAGAAATTGAGGGCCTCCATCCTGCCAGAACCTTGTCTTTCGGAATTCC  
 ATCAGTAAATATGTCAGAAGCCGGCAGCGAGACCCTGGAGGATGAGTGGCAGTCCATCTCAGAGATCG  
 CCTCCACTTGAACACAATTCTGGAGTCACTGTCCCGGAGGGACAGCCATCCTAGAGAGTGGAGACCC  
 CAAGGAAACTTCAAAGTGAATTCTGAGCCAGAACCTGGGAGCCTGTGAGAAAAGTCTCTCACCTAGAG  
 TCCATGCTGAGGAAGCTCCAGGAGGACCTGCAGAGGGAGAAGGCGGACAGGGCAGCCCTGGAGGAAGAGG  
 TTCGGAGCCTCAGACACAACAACCAGAGGCTGTGGCGGAGTCAGAGAGTGCCGCCACCCGCTGCTCCT  
 GGCTTAAGCAGCTGGGTTACCCACTACTGACCTTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001004089

**Insert Size:**

3123 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\_001004089.1, NP\_001004089.1
**RefSeq Size:**

3123 bp

**RefSeq ORF:**

3123 bp

Locus ID: 361710

Cytogenetics: 1q43