

## Product datasheet for RN209667

### Sipa1I2 (NM\_001009704) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sipa1I2 (NM_001009704) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sipa1I2
Synonyms:	Sersap2; Spar2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN209667 representing NM_001009704 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGATCCAAGGCCATCACAGGCAGAGAAGCACAAGCTTGGCAGAGCTGCCTCCAAATTCAAGGACC  
CTTCCAGAGCCATGCAGTCTGACGATTATTTGCTCGGAAATTTAAAGCCATCAATGGCAGCATGGGGCC  
TGCTACTTTAAACACGTCCAGTCTGAGTGAGGGCGGTGGAGGTGGTGGTGGACCAGCCAATGGTACCCCA  
GCAGTACCAAGATGGGTGTGAGGGCCAGAGTGTCTGAGTGGCCTCTAAAAAGGACTGCTCCAAGGACC  
TGGCTTGAAGACGCTGTGGGAGAGCCGTTCTCAGTCCAGCTATGAGAGTGCCACCTCCATCATCCAGAA  
TGGCCAAAATGACCAGGTTGACAGGCAGCAAGAGGAGCAGCTAGACCTGGACTTTGTAGAGGCAAAGTAC  
ACCATCGGAGACATCTTCGTGCATTCTCCCCAGAGAGGGCTCCACCCCATACGGCAGAGGAGCAACAGTG  
ATATCACCATCAGTGACATCGATACCGAGGATGTCTGGACCAACATGCGGTCAACCCAAACACGGGAGC  
AGCCCTGCACAGGGAGTACGGGAGCACTTCATCTATTGACAGGCAGGGTCTGTCTGGAGAGAATGTTTTT  
GCCATGCTCCGAGGGTACCGAATAGAGAGTTACGACCCTAAAGTGACCAGCTCCTTTGGGTTTCCAGATT  
TCTTTCCCTGTGACACCGCCATCTCCCCAGTCTCCATGCTGCAGCCAGATTTCCAGAGGAGAATTCGT  
CCGCATCTCAGGGTTGACTACATGGATGGTGGTCTCTTGATGGGAAGGGACAGAGACAAGCCCTTCAA  
CGCAGGTTAAAGTCAGAGTCTGTGAAACCTCACTCTTCCGAAAACCTCGGACAGTCAAGAGTGAGCAG  
AGACCTTCAAGTTCACTTCTGACCTGGAGGAGGGCCGCTGGACCGGGGCATCCGCCATGGAGTTGCCA  
GAGGTGTTTTGCCATTATGATGTGCAGAGTATCCTCTTCAACATCAATGAAGCCATGGCCACACGGGCC  
AGTGTGGCAAGAGAAAGAACATCACCACAGGGCCCTCGCTGCATCACAGACTCCGGTTCTGTAGGCC  
CGGCTGGAGGCTGCGAGTCCCCACTGGGCAGCAAGGAGGACCTAACGCCAAGGAGAACCAGACGCTGA  
TGAGGGCGATGGGAAGAGCAACGACCTGGTCTCAGCTGCCCATATTTTCGCAACGAGACCGGTGGGGAG  
GGCGACAGACGATTGCACTCTCTCGGGCAACTCAGCCTCTTTCAGCTCTGGGAAAGCTGCTCCTTTG  
AGTCATCCCTCAGCTCACACTGTACCAACGAGGTGTCTGTCTTGGAGGTGCCACGGGAAAACCAGCC  
CATCCACAGGGAGAAGGTCAAACGTTACATCATAGAGCAGTTGACCTCGGGCCTACTACTACCGCAAG



[View online »](#)

TTCTTCTATGGCAAAGAGCACCAGAATTACTTCGGAATAGATGAAAATCTCGGCCCTGTGGCGGTGAGCA  
TCCGGAGGGAGAAGGTGGAAGATCCCAGGGAGAAAAGGGTTCGAGTTCAACTACAGGGTGGCCTTCAG  
GACAAGTGAGCTCACAACCTGAGAGGAGCAATCCTAGAAGATGCCGTCCCCTCCACAGCCCGCATGGC  
ACTGCCCGGGGCTGCCCTCAAGGAAGTGTGGAATACGTTATCCCGGAGTTGAGTATCCCGTGTCTGC  
GGCAAGCAGCCAACTCCCCAAAGTCCCAGAGCAGCTGCTTAAGTTGGATGAACAAGGGCTGAGCTTCCA  
GCACAAAATCGGGATCCTGTACTGCAAAGCCGGGCAGAGCACGGAAGAGGAAATGTAACAACAAGAGACA  
GCAGGGCCGGCTTCGAGGAGTTCTGGACCTCCTCGGCCAGCGAGTGGGCTGAAGGGCTTCAGCAAGT  
ACCGTGGCCAGCTGGACAATAAGACGGATTCCACGGGGACTCACTCCCTACACCACATATAAAGACTT  
CGAACTCATGTTCCATGTGTCGACACTGTTCCATATATGCCGAACAACAGGCAGCAGCTTCTGAGGAAG  
AGGCACATCGGGAACGACATCGTCACCATCGTCTTCCAAGAGCCTGGTGTCTCCCTTTCACCCCAAGA  
ACATCCGGTTCGACTTTCAGCATGTCTTTGTCATAGTCAAGGTGCACAACCCCTGCACAGAAAATGTGTG  
CTACAGCGTTGGAGTTTTAGGTCAAAGGATGTCCCTCCCTTCGTTCCCCCATCCCCAAAGGAGTAACT  
TTTCCAAGGACGGGCGTTCCTGGGACTTCCTTTAGCTAAAGGAATCAACGCAGAAAATGCGGCCATA  
AGTCAGAGAAAATCCGGGCCATGGCTACCCGAACAAGGCATGAATACTTAAAGGATTTAGCCGAGAACTT  
TGTCACAACCACCACAGTGGACACTTTCGCAAAAATTTAGCTTCATCACCCTGGGGCGAAGAAGAAGGAG  
CGGGTAAAGCCCAGGACGGACGCCACCTGTTTAGCATCGGCGCCATCATGTGGCAGTGGTGGCCGCT  
ACTTTGGCCAGTCAGCAGACATTGAGTGTCTTCTGGGGATCTCCAATGAGTTCATCATGCTGATAGAGAA  
GGAGTCCAAGAATGTGCGGTTTAACTGTTCTGTAGGGACGTGATTGGCTGGACATCAGGGTTAGTGAGC  
ATCAAAAATCTTCTACGAAAGGGGAGAGTGCATCCTGCTCTCCTCCGTGGATAACTCCTCGGAAGACATCC  
GAGAAAATAGTGCAACGACTGGTAATAGTAACCGCAGGGCTGTGAGACTGTGAAAATGACCCTGAGAAGGAA  
TGGGTTGGGTGAGCTTGGCTTCCACGTGAACCTTGAAGGAATGTTGCCGATGTGGAACCTTTTGGCTTT  
GCCTGGAAGGCAGGCCTTCGCCAAGGAAGCCGGCTTGTGGAGATCTGCAAGGTGGCCGTGGCCACACTGA  
CCATGAGCAGATGATTGACCTACTGCGGACACTGTGACTGTGAAAGTGGTTATCATCCAGCCCATGA  
GGATGGCTCTCCCGCAGGGGCTTTCAGAGCTCTGCCGATCCCCATGGTGGAGTACAAGCTGGACAGC  
GAGGGCACGCCCTGTGAGTACAAGACACCTTTTAGGAGGAACACCACATGGCACCAGTGGCCACCCTG  
CCCTACAGCCAGTTCCAGAGCCTCGCCTGTGCCTGGCACACCAGACCGACTCCAGTGCCAGCCGCTGCT  
GCAGCAGGCCAGGCTGCCATCCACGAAGTACATCCTTTGACAGGAAGCTGCCCGATGGCACCAGAAGT  
TCTCCAGCAACCAGTTCATCGTCCAGCAGCCGGGACCTGGTGGGAGCGGACCCTGGAGACCACAAGTGG  
GCTATGATGGGTGCTCCGTCCTCTCCTGCTGGAGCCCCAGGGCCAGGCTCTGTGGAGTGTGATGGATC  
CGGGGATCATGAGGACCTCATGGAGGTAGGCAGGCTTCCAGAAACCAAATGGCATGGCCACCTTCCAAA  
GTCCTGAGCTCCTATAAGGAAAGAGCGCTGCAGAAAGACGGAAGCTGCAAAGATCCCCAATAAGCTGT  
CTCACATCGGGGATAAGAGCTGCTTAGCCACTCCAGCAGCAACACTCTCTCTAGTAACACCTCCAGCAA  
CAGTGATGACAAGCACTTTGGGTGAGGGACCTGATGGACCCCGAGCTGTGGGATTGACCTACATAAAA  
GGCGCTTCCACTGACAGCGGCATCGACACCACACCGTGCATGCCAGCCACCATCCTGGGCCAATGCATC  
TGACGGGCAGCAGGTCCTGATCCACAGCCGGGCGGAACAGTGGGCAGATGCCGCGGATGTCTCAGGAGC  
TGATGAGGACCCTGCCAAGATGTATACCCTGCATGGCTATGCCTCGCCATCTCCAGCAGCGCTGCAGAC  
GGTAGCATGGGTGACCTCAGTGAGGTCTTCTCACTCCAGTGGCTCTCACCGTTAGGAAGCCCTCCA  
CTCACTGCTCCAAAAGCACTGGGTCTCTGGACAGCTCCAAAGTCTACATCGTCACTCACAGCGGTGGTCA  
GCAGGTACCTGGGGCTGTGGCAAAGCCTTACCACAGACAAGGAGCAGCAAACAAATATGTCATCGGCTGG  
AAAAAGTCAGAAGGCAGCCACCACCTGAGGAACCTGAAGTGAATGTCCCAGGATATATGGCGAGA  
TGGACATCATGTCTACAGCCAGTCAGCACCCGGCAGTAGTAGGAGACTCTGTTCCGGAAGCTCAGCACGT  
CCTGTCCAAAGATGACTTCTGAAGTTGATGCTGCCTGACAGCCCTTAGTGGAGGAGGGGAGACGGAAG  
TTTTATTCTACGGGAACCTGTCTCCACGGAGGTCCCTGTACCGAACACTGTCCGATGAGAGTGTGTGCA  
GCAACCGGAGGGGCTCTTCTTCGCCAGCTCCCGAAGCTCCATCCTGGACCAGGCCCTGCCAACGACAT  
TCTCTTACGACGACTCCACCCTACCACAGTACGCTGCCTCCAAGAACCACCCTGCACCAGCATGGGG  
AGCTTACGGAATGAGTTCTGGTTCTCCGATGGGTCCTTATCAGACAAGTCCAAGTGTGCAGATCCCGCC  
TGATGCCGCTGCCAGACAGCTGCAGGGTTAGACTGGTCCACCTTGTGGATGCTGCACGAGCATTGGA  
AGGCTTGTACTCAGACGAGGAACCTCGGGCTTCTGTGCACCATGCCTCCTACCTAGACCAGAGGGTGGCC  
TCCTTCTGCACCCTGACCAGCTCCAGCATGGACAAGAAGTGAAGGGGGCCAGAGCTGTCTTGTGTG  
TAGATCCCACAGTGGCAAAGAATTCATGGATACACCAGGGGAGCGATCACCTCCACACTGACTGGGAA  
AGTTAACCAGCTAGAAGTATTCTCCGACAGCTGCAGACTGACCTCCGGAAGGAGAAGCAGGACAAGGCG  
GTGCTGCAGGCTGAGGTCAGCACCTGAGGCAGGACAACATGCGACTGCAGGAAGAGTACAGACCCGCA

CAGCCCAGCTACGCACGTTCCACCGAGTGGTTTTTTAGCACCATGACAAAAAGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001009704
<b>Insert Size:</b>	5169 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_001009704.1, NP_001009704.1</u>
<b>RefSeq Size:</b>	6690 bp
<b>RefSeq ORF:</b>	5169 bp
<b>Locus ID:</b>	361442
<b>UniProt ID:</b>	<u>Q5JCS6</u>
<b>Cytogenetics:</b>	19q12