

Product datasheet for **RN201920**

Sipa1l1 (NM_139330) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sipa1l1 (NM_139330) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Sipa1l1
Synonyms:	Spa-1; Spa1; SPAL; Spar
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN201920 representing NM_139330 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGACCAGCTTGAAGAGGTGCGAGACCGAAAGGCCTGCTACTGCTGACAGAGCCTCTGTTGTCAGCACAG
ATGGCACCCCCAAAGTTCACACTGATGATTTCTACATGCGTCGCTCCGGTCCCAAATGGCAGCTTAGG
ATCATCAGTCATGGCTGCAGTAGGGCCCCCTCGAAGTGAAGGTCCTCACCATAAACCTCAACCCCGGA
GTCCCCAAGATGGGGTTAGGGCAAGAATTGCAGATTGGCCTCCAAGAAAGGAAAATGTAAAGAATCTA
GCCGTTCAAGCCAGGAAATAGAAACCTCAAGTTGCCTTGAGAGCCTGTCTCCAAAGGCAGTCCTGTGAG
TCAGGGGAGTTCTGTTAGCCTCAATTCCAATGACTCAGCCATGCTGAAGAGCATCCAGAACACCCTGAAG
AACAAGACGGGGCCAGCGGAGAGCATGGACTCGAGATTCTCATGCCTGAAGCCTACCCAGCTCCCCCA
GGAAAGCCCTTCGCCAATCCGTGAGCGTGAACAAGTATACCCATAAGTGAGCTTGATGTGGATAG
TTTTGATGAATGTATCTCCCAACCTACAAGTCGGGGCCATCATTGCACAGGGAATATGGTAGCACATCT
TCAATCGACAAGCAGGGGACATCCGAGAAAGCTTCTTCGGTTTGTTAAAGGGCTATAAAGACGACAGAG
CTGACCGAGGTCCAACCTCAACCAAACTCAGTGACTTCCTCATCACTGGTGGGGCAAGGGTTCTGGTTT
CTCCTTGATGTGATCGATGGACCCATTTACAGAGAGAGAACCTCAGGCTATTCAAGGAAAGGGAAAAA
CCACTCAAGCGACGTTCTAAGTCTGAACTGGAGACTCATCCATTTTCGTAATTACGCAATGCCAAAG
GTGAAGAACTCGGGAAGTCATCAGACCTTGAAGACAACAGATCAGAGGATTCTGTGAGGCCCTGGACATG
TCCAAAGTGCTTTGCCCACTATGATGTCCAGAGCATATTGTTGACTTGAATGAAGCCATTATGAACAGG
CATAATGTGATTAAGAGGAGAAACACCACAACGGGAGCTTCTGCAGCCGCTGTGGCGTCTTAGTCTCGG
GACCTTTGTCTCACTCAACCAGCTTCAGCTCTCTATGGGCAGCACAGAGGACTTCAATTCCAAAGGAAG
CCTCGGCATGGACCAGGGAGATGACAAGAGCAATGAACCTGTCATGAGCTGTCCGTACTTTCGGAATGAG
ATTGGGGGAGAAGGTGAGAGGAAAATCAGCCTGTCCAAGTCCAATTCTGGCTCATTCAAGTGGGTGTGAGA
GCACGTCCTTTGAGTCTGCCCTCAGCTCTCACTGCACAAACGAGGAGTGGCGGTTCTCGAAGTGCCCAA
GGAGAGCTTGATGCTGCATCTAGACAGAGTGAGACGGTACACTGTGGAGCACGTGGATCTTGAGGCATAC



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[illegible]

CCAAAGCCTATGAGGTCCAGAGAGCCTCATTTTTGCTGCTAGTGATGAAAACCATCGCCCTTGAGTGC
GGCCTCCAACAGCGACCAGCTAGAGGAGCAGGCCCTGGTCCAGATGAAGTCGTACAGCAGCAGTAAGGAC
TCCTCTCCCACTCTGGCTTCTAAAGTGGACCAGTTGGAAGGTATGCTGAAAATGCTTCGAGAAGATTTGA
AGAAGGAAAAGGAAGACAAGGCCACCTGCAGGCAGAGGTTGAGCACTTGCGGGAGGACAACCTGAGGCT
GCAGGAGGAGTCCCAGAATGCCTCGGACAAGCTGAAGAAGTTCACAGAGTGGGTCTTCAACACCATAGAC
ATGAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	SgfI-MluI
ACCN:	NM_139330
Insert Size:	5469 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:	<u>NM_139330.1, NP_647546.1</u>
RefSeq Size:	6400 bp
RefSeq ORF:	5469 bp
Locus ID:	246212
UniProt ID:	<u>O35412</u>
Cytogenetics:	6q24
Gene Summary:	GTPase-activating protein (GAP) that is specific for Rap1; may be involved in cytoskeletal organization of neurons [RGD, Feb 2006]