

Product datasheet for **RR211114**

Sipa1I3 (NM_001013066) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sipa1I3 (NM_001013066) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sipa1I3
Synonyms:	MGC109241
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RR211114 representing NM_001013066
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCCAGCGGTGATTCCTCTTCAGGTGGCCTGACCAGCCAGGAGACCATGGAGCGCCCAACCAG
 AGCCTCTGTGGCAGTGCCAGCCAGGCCCGGCTCTCCGCATGACTGGAAGCATGGGCAGCAAGCATCC
 CTCAGGACAGGACGCGGCTGGCAAAGACTCTCCAACAGGCATTCCAAGGTGAACCTCAGTACTCAAGC
 CATTCCAGCAGCAATACCTCTCCAGCAACGCCTCCAGCAGCCATAGTGATGACCGATGGTTCGACCCCC
 TGGACCCCTGGAGCCAGAGCCAGACCCCTTTTCCAAGGGAGGCTCGAGTGACAGTGGCATCGATACCAC
 GCTCTACACCTCCAGCCAGTTGTATGTCCCTAGCCAAAACACCGAGGCCACCAAGCCACACAAGCCC
 CCCGGAAGTATAGGTCTCTGTGGCGGTGGCCGAGAGTCCGCCGGGAGACCCACCCTGCAGACAGACGGC
 GGAAGTCTCCCCTGCTCCAGCGGTGGCCGCTCAGAACAAGGGCTACCGACCGAAGATGTACTCCTCGGG
 CTCAGCACTCCTCCAGGCTGGTGGGGGCGAGCCGAGACCCACCAGGCAAGCCAGTGACATGGTTCC
 AGGACCGGCTACCGACTCAGGTTTACAAAACAACAGTGCGAGACTCCCGGCCCTCCAGCTCTCCC
 AGTGCAGCCCCTCCAGCTCTCCACCTCGTCCCAAGTCTTTCTTCTCCAAGCAGCCTGCACACAAACA
 GCACTCAACGGGATGGAAGAGAGCAGACGAGCCCCACCAGGCCACTCCCCTTACCAGAAAGCAAGAAG
 CAGGTGGACACCAATGCAAAAAACGTCTTTGGTCAGCCACGGTTGAGGGCATCCCTGCGAGACCTCCGGT
 CCCACGGAAGAATTACAAGTCCACCATCGAGGATGACTTAAAGAAGCTCATCATGAGCAACCTGGG
 GCCAGAGCAGGATCGGGACACAGGGCCCCCAGAAGAGCCTGCAGCGGACACTGTCAGATGAGAGCCTG
 TGTAGCGGACGCCGGGAGCCAGCTATGCCAGCCCTACCAGCCTGGAGCCTGGCCTGCCAGCGACGTG
 TCTTACCAGCACCTGCACCTTCCCTTCCAGCACACTGCCCGCCGCGCCAGCACCACTCCCACCC
 ACCCAGCGGGGACCCCAACACCATTCCAGCCACTGGCAATGGCTTCCAGAGAAGAAATCTGCCATCTCA
 GCCTCGGAGCTCTCACTGGCTGATGGACGGGACCGGCCCTGCGACGACTTGACCCTGGGATGATGCCAC
 TACCCGACACGGCTGCTGGCCTTGGTGGTCCAGCCTAGTGAATGCGGCCAAGGCCTACGAAGTGAAGA
 AGCTGTGTCCCTTCTCTCTGAACGACCCAGCCCTGAGTCCAGATATCCCTCCTGCACACAGCCCTGTG
 CACAGCCATCTGAGCCTGGAGCGAGGCCCCAGACTCCTAGAACCCTCCACCATGAGTGGAGTGCAC
 CGCTGGATCTGACGGCAAGGTGTACCAGCTGGAGGTGATGCTGAAACAGCTGCACACGGACCTGCAGAA
 GGAGAAGCAGGATAAGGTGGTGTGCAGTCAGAGGTGGCCAGCCTGCGGCAGAACACCAGCGACTGCAG
 GAGGAGTCACAGGCTGCCAGTGAACAGCTTCGCAAGTTCGAGAGCTCTCAGCAGGGAGAAGAAGGAAC
 TC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR211114 representing NM_001013066
 Red=Cloning site Green=Tags(s)

MSSGSDSSSGGLTSQESTMERPKPEPLWHVPAQARLSAMTGSMGSKHPSRQDAAGKDSPNRHSHKGEQYSS
 HSSNNTLSSNASSHSDRWFDPDLEPEPDFSKGSSDSGIDTTLTYTSSPSCMSLAKTPRPTKPHKP
 PGSIGLCGGRESAGRPHPADRRREVSAPAVAAQNKGYRPKMYSSGSTPPGLVGGSRDPPRQASDMGS
 RTGYPTQVYKTTSAETPRPSQLSQSPFQLSTSVPKSFFSKQPAHNKHSTGWKRADEPPRPLPFTESSK
 QVDTNAKNVFGQPRLRASLRDLRSPRKNYKSTIEDLKKLIIMDNLGPEQDRDTGPPQKSLQRTLSDSL
 CSGRREPSYASPTSLEPLPSDVLFTSTCTFSSSTLPARRQHSHSPSGAPNTIPATGNDFPEKKS AIS
 ASELADGRDRPLRRLDPGMMPLPDTAAGLEWSSLVNAAKAYEVQRAVSLFLNDPALSPDIPPAHSPV
 HSHLSLGRGPQTPRTPTMSEESPLDLTGKVVYQLEVMLKQLHTDLQKEKQDKVVLQSEVASLRQNNQRLQ
 EESQAASEQLRKF AELFSREKEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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:	<ol style="list-style-type: none">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_001013066.1 , NP_001013084.1
RefSeq Size:	3652 bp
RefSeq ORF:	1755 bp
Locus ID:	292771
Cytogenetics:	1q21
MW:	63.4 kDa