

## Product datasheet for MR211502

### Sipa1 (NM\_001164481) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Sipa1 (NM_001164481) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Sipa1
Synonyms:	Spa1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR211502 representing NM_001164481 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**C

ATGTGGGCGCGGTGTGGGAGCCCTCGGCGGGCATGGCCCTGCACCTACCGATGACCTCTTTGCC  
GTAAGCTTCGCCAACCTGCCCGGCCACTGACACCACATACCTTTGAGCCGAGGCCAGCTCGGGGCC  
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GGCCCCTTTCAGCCAATGCCGATTTCCGGGCCTTCTGTTGGCTAAGGCACTCAATGGTGAGCAAGCGG  
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**Protein Sequence:**

>MR211502 representing NM\_001164481  
 Red=Cloning site Green=Tags(s)

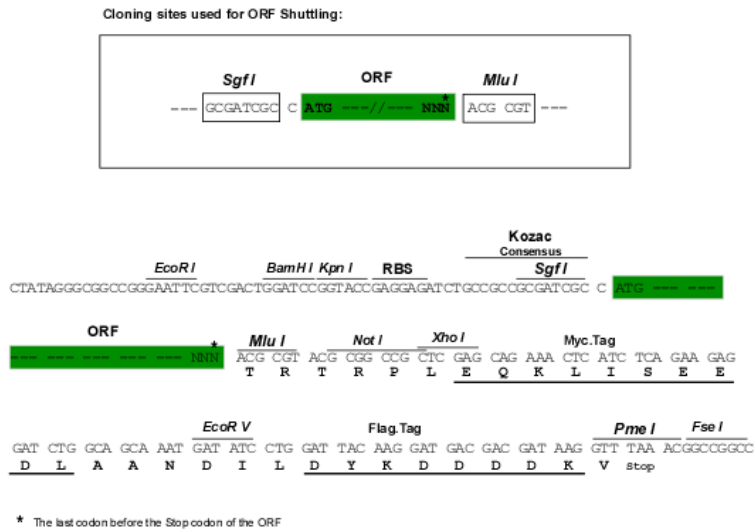
MWAGGVGSPRRGMAPPTDDL FARKLRQPAPPLTPHTFEPRPARGPLLRSGSDAGEVRRPPTPASPRARA  
 HSHEDASRPAATPTRLFDPLALLGLPAEEPEPTFPVLEPRWF AHYDVQSLLFDWAPRPRGTGSHIEAN  
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 GAGYYRKYFYGKEHQNFGLDEALGPVAVSLRREEKEGSGGGTLHSYRVIVRTTQLRTLRTGTSI SEDALPP  
 GPPRGLSPRKLLEHVAPRLSPTCLRLGSASPKVPRLL TLDEQVLSFQRKVGILYCRAGQGSEEMYNQ  
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 KRHIGNDIVTIVFQEPGSKPFCPTTIRSHFQHVFLVVRHAPCTPHTSYRVAVSRTQDTPAFGPALPEGG  
 GPFAANADFRALLAKALNGEQAAGHARQFHAMATRTRQYLQDLATNEVTTTSLDSASRFGLPSLGGRR  
 RATPRSPGAELQAAGALMWVRAAPGARVAAGAETS GPEDAEPCLLGISAETLVLVAPRDGRVFNACAC  
 RDVLAWTFSEHQLDLYHGRGEAITLRLD GAPGQAVGEVVARLQLVSRGCETRELALPRDQGRLGFEVDA  
 EGFITHVERFTFAETTGLRPGARLLRVCQQLPKLGPEAAQMLRSAPKVCVTVLPPDESGRPRRSFSEL  
 YMLSLKEPSRRGGPEPVQDETGLVILPPTKQLLHFCLKDS SSPGPGDLTEERTEFLRSHNSLSSGSSL  
 SDEAPVLPNTTPDLLLVTTANPSAPGTDRETPPSQDQSGSPSSHEDTSDSGPELRASILPRTLRLNSIS  
 KIMSEAGSETLEDEWQSI SEIASTCNTILESLSREGQPISESGDPKEALKCDSEPEPGLSEKVSHLESM  
 LWKLQEDLQREKADRAALEEEVRSLRHNNQRLLAESESAATRLLLASKHLGAPTTDLA

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Restriction Sites:**

SgfI-MluI

Cloning Scheme:



ACCN: NM\_001164481

ORF Size: 3114 bp

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:
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

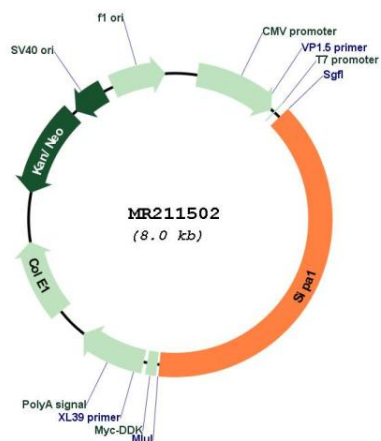
RefSeq ORF: 3117 bp

Locus ID: 20469

Cytogenetics: 19 4.34 cM

MW: 112.2 kDa

**Product images:**



Circular map for MR211502