

Product datasheet for MG212077

Sipa1l1 (BC058681) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Sipa1l1 (BC058681) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Sipa1l1
Synonyms:	4931426N11Rik; AW213287; mKIAA0440; Spar
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG212077 representing BC058681 Red=Cloning site Blue=ORF Green=Tags(s)

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Protein Sequence:

>MG212077 representing BC058681

Red=Cloning site Green=Tags(s)

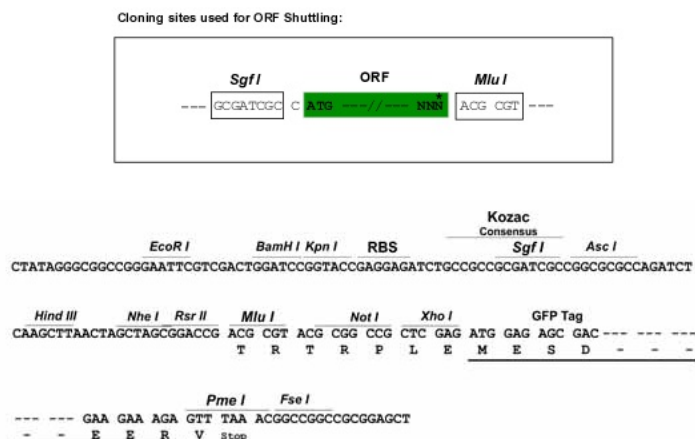
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S

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: BC058681

ORF Size: 5253 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: BC058681, AAH58681

RefSeq Size: 6195 bp

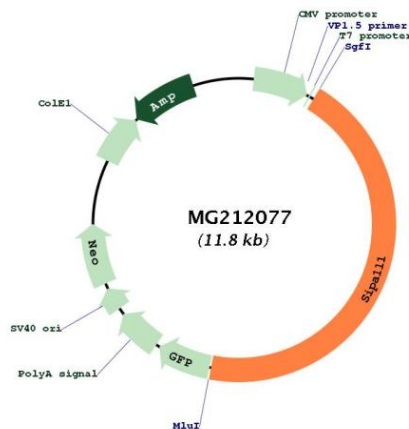
RefSeq ORF: 5255 bp

Locus ID: 217692

Cytogenetics: 12 D1

Gene Summary: Stimulates the GTPase activity of RAP2A. Promotes reorganization of the actin cytoskeleton and recruits DLG4 to F-actin. Contributes to the regulation of dendritic spine morphogenesis (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG212077