

Product datasheet for RG203748

SIVA (SIVA1) (NM 021709) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SIVA (SIVA1) (NM_021709) Human Tagged ORF Clone

Tag: TurboGFP

Symbol: SIVA

Synonyms: CD27BP; SIVA; Siva-1; Siva-2

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG203748 representing NM_021709

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

GTGACATGTACGAGAAAGTGCTGTGCACCAGCTGTGCCATGTTCGAGACC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG203748 representing NM_021709

Red=Cloning site Green=Tags(s)

MPKRSCPFADVAPLQLKVRVSQRELSRGVCAERYSQEVFDPSGVASIACSSCVRAVDGKAVCGQCERALC

GQCVRTCWGCGSVACTLCGLVDCSDMYEKVLCTSCAMFET

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



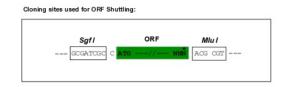
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

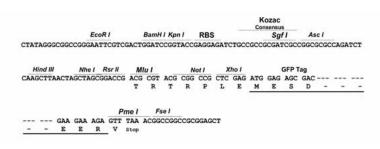
CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Cloning Scheme:





ACCN: NM_021709

ORF Size: 330 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: <u>NM 021709.3</u>

RefSeq Size:595 bpRefSeq ORF:333 bp



 Locus ID:
 10572

 UniProt ID:
 015304

 Cytogenetics:
 14q32.33

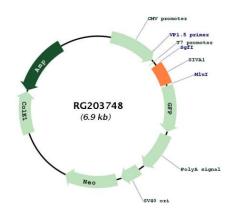
Protein Families: Druggable Genome

Gene Summary: This gene encodes an E3 ubiquitin ligase that regulates cell cycle progression, cell

proliferation and apoptosis. The N-terminus of this protein binds to the cytoplasmic tail of the CD27 antigen, a member of the tumor necrosis factor receptor (TNFR) superfamily. In response to UV radiation-induced DNA damage, this protein has been shown to mediate the ubiquitination of proliferating cell nuclear antigen (PCNA), an important step in translesion

DNA synthesis. [provided by RefSeq, Sep 2018]

Product images:



Circular map for RG203748