

Product datasheet for RG228049

SLAMF9 (NM 001146173) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: SLAMF9 (NM 001146173) Human Tagged ORF Clone

Tag: TurboGFP Symbol: SLAMF9

Synonyms: CD2F-10; CD2F10; CD84-H1; CD84H1; SF2001

Mammalian Cell

Selection:

Neomycin

Vector: pCMV6-AC-GFP (PS100010)

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

ORF Nucleotide >RG228049 representing NM_001146173
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGTGTGCCTTTCCTTGGCTGCTTCTTCTCCTGCTGCTCCAGGAGGGCAGCCAAAGGAGACTCTGGAGATGGTGGGATCCGAGGAGCCCCCCGGAAATACCACCAGATGAGAGGTTGAGAACATCATCTGGTCCTCTCACAAAAGTCTTGCCACTGTGGTGCCAGGGAAAGAGGGACATCCAGCATCATCATGGTGACCAATCCACACTACCAGGGCCAAATCCTAACTATGCTTCTGAGAAGCC

TTCAACAGCCTTCTGCCTCCTGGCCAAGGGATTGCTCATCTTCTTGCTCTTGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228049 representing NM_001146173

Red=Cloning site Green=Tags(s)

MCAFPWLLLLLLQEGSQRRLWRWCGSEEVVAVLQESISLPLEIPPDEEVENIIWSSHKSLATVVPGKEG

HPATIMVTNPHYQGQILTMLLRSLQQPSASWPRDCSSSCSW

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-Mlul



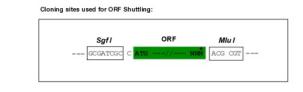
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

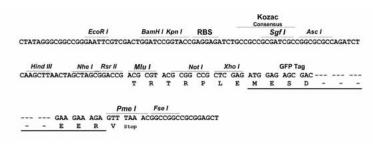
CN: techsupport@origene.cn

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

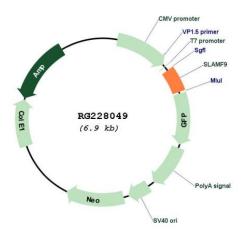


Cloning Scheme:





Plasmid Map:



ACCN: NM 001146173

ORF Size: 333 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



SLAMF9 (NM_001146173) Human Tagged ORF Clone - RG228049

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 001146173.2</u>

 RefSeq Size:
 761 bp

 RefSeq ORF:
 336 bp

 Locus ID:
 89886

 UniProt ID:
 Q96A28

 Cytogenetics:
 1q23.2

Protein Families: Druggable Genome, Transmembrane

Gene Summary: This gene encodes a member of the signaling lymphocytic activation molecule family. The

encoded protein is a cell surface molecule that consists of two extracellular immunoglobulin

domains, a transmembrane domain and a short cytoplasmic tail that lacks the signal

transduction motifs found in other family members. Alternative splicing results in multiple

transcript variants.[provided by RefSeq, Apr 2009]