

Product datasheet for RG228129

SLAMF9 (NM_001146172) Human Tagged ORF Clone

Product data:

OriGene Technologies, Inc.

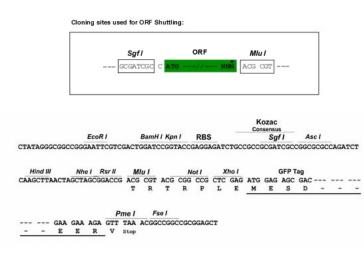
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| Product Type: | Expression Plasmids |
|------------------------------|--|
| Product Name: | SLAMF9 (NM_001146172) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | SLAMF9 |
| Synonyms: | CD2F-10; CD2F10; CD84-H1; CD84H1; SF2001 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |
| ORF Nucleotide Sequence: | <pre>>RG228129 representing NM_001146172 Red=Cloning site Blue=ORF Green=Tags(s)</pre> |
| | TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCC <mark>GCGATCGC</mark> C |
| | ATGTGTGCCTTTCCTTGGCTGCTTCTTCTCCCGCTGCTCCAGGAGGGCAGCCAAAGGAGACTCTGGAGAT GGTGTGGATCCGAGGAAGTGGTTGCGGTCCTTCAGGAGTCCATCAGCCTCCCCCTGGAAATACCACCAGA TGAAGAGGTTGAGAACATCATCTGGTCCTCTCACAAAAGTCTTGCCACTGTGGTGCCAGGGAAAGAGGGA CATCCAGCTACCATCATGGTGACCAATCCACACTACCAGGGCCAAGTGAGCTTCCTGGACCCCAGCTATT CCCTGCATATCAGCAATCTGAGCTGGGAGGATTCAGGGCTTTACCAAGCTCAAGTCAACCTGAGAACATC CCAGATCTCTACCATGCAGCAGTACAATATATGTGTCTACCATCCTCAAGTCAACCTGAGAAGCCTTCA ACAGCCTTCTGCCTCCTGGCCAAGGATTGCTCATCTTCTTGCTCTTGGTAATTCTGGCCATGGGACTCT GGGTCATCCGAGTCCAGAAAAGACACAAAATGCCAAGGATGAAGAAACTCATGAGAAACAGAATGAAATT GAGGAAGGAAGGCAAAGCCTGGCTCCAGCCTGCC |
| | ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA |
| Protein Sequence: | >RG228129 representing NM_001146172 <mark>Red</mark> =Cloning site Green=Tags(s) |
| | MCAFPWLLLLLLLQEGSQRRLWRWCGSEEVVAVLQESISLPLEIPPDEEVENIIWSSHKSLATVVPGKEG HPATIMVTNPHYQGQVSFLDPSYSLHISNLSWEDSGLYQAQVNLRTSQISTMQQYNICVYHPNYASEKPS TAFCLLAKGLLIFLLLVILAMGLWVIRVQKRHKMPRMKKLMRNRMKLRKEAKPGSSPA |
| | TRTRPLE - GFP Tag - V |
| Restriction Sites: | Sgfl-Mlul |

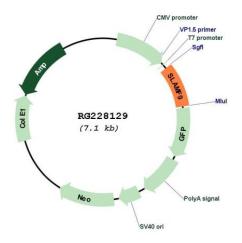


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Cloning Scheme:



Plasmid Map:



| ACCN: | NM_001146172 |
|-----------------|---|
| ORF Size: | 594 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. <u>More info</u> |
| 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). |

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| Reconstitution Method: | Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 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 001146172.2</u> |
| RefSeq Size: | 897 bp |
| RefSeq ORF: | 597 bp |
| Locus ID: | 89886 |
| UniProt ID: | <u>Q96A28</u> |
| 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] |

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