

Product datasheet for **RG228129**

SLAMF9 (NM_001146172) Human Tagged ORF Clone

Product data:

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: >RG228129 representing NM_001146172
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGTGTGCCTTTCCTTGGCTGCTTCTTCTCCTGCTGCTCCAGGAGGGCAGCCAAAGGAGACTCTGGAGAT
 GGTGTGGATCCGAGGAAGTGGTTGCGGTCTCAGGAGTCCATCAGCCTCCCCCTGGAAATACCACCAGA
 TGAAGAGGTTGAGAACATCATCTGGTCTCTCACAAAAGTCTTGCCACTGTGGTCCAGGAAAGAGGGA
 CATCCAGTACCATCATGGTGACCAATCCACACTACCAGGGCCAAGTGAAGTCTTCTGGACCCAGCTATT
 CCCTGCATATCAGCAATCTGAGCTGGGAGGATTACAGGGCTTTACCAAGCTCAAGTCAACCTGAGAACATC
 CCAGATCTCTACCATGCAGCAGTACAATATATGTGTCTACCATCCTAACTATGCTTCTGAGAAGCCTTCA
 ACAGCCTTCTGCCTCCTGGCCAAGGGATTGCTCATCTTCTTGGTAACTCTGGCCATGGGACTCT
 GGGTATCCGAGTCCAGAAAAGACAAAAATGCCAAGGATGAAGAACTCATGAGAAACAGAATGAAATT
 GAGGAAGGAGGCAAAGCCTGGCTCCAGCCCTGCC

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG228129 representing NM_001146172
 Red=Cloning site Green=Tags(s)

MCAFPWLLLLLLLLQEGSQRRLLWRWCGSEEVVAVLQESISLPLEIPPDEEVENIIWSSHKSLATVVPKKEG
 HPATIMVTNPHYQGQVSLDPSYSLHISNL SWEDSGLYQAQVNLRTSQISTMQQYNICVYHPNYASEKPS
 TAFCLLAKGLLIFLLLIVLAMGLWVIRVQKRHKMPRMKKLMRNRMKLRKEAKPGSSPA

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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_001146172.2](#)

RefSeq Size: 897 bp

RefSeq ORF: 597 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]