

Product datasheet for RC228129

SLAMF9 (NM_001146172) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: SLAMF9 (NM_001146172) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: SLAMF9
Synonyms: CD2F-10; CD2F10; CD84-H1; CD84H1; SF2001
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RC228129 representing NM_001146172
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTGTGCCTTTCCTTGGCTGCTTCTTCTCCTGCTGCTCCAGGAGGCAGCCAAAGGAGACTCTGGAGAT
GGTGTGGATCCGAGGAAGTGGTTGCGGTCCTTCAGGAGTCCATCAGCCTCCCCCTGGAAATACCACCAGA
TGAAGAGGTTGAGAACATCATCTGGTCTCTCACAAAAGTCTTGCCACTGTGGTCCAGGAAAGAGGGA
CATCCAGCTACCATCATGGTGACCAATCCACACTACCAGGGCCAAGTGAAGTCTCCGACCCAGCTATT
CCCTGCATATCAGCAATCTGAGCTGGGAGGATTAGGGCTTTACCAAGCTCAAGTCAACCTGAGAATC
CCAGATCTCTACCATGCAGCAGTACAATATATGTGTCTACCATCCTAACTATGCTTCTGAGAAGCCTTCA
ACAGCCTTCTGCCTCTGGCCAAGGGATTGCTCATCTTCTTGCTCTTGTAATTCTGGCCATGGGACTCT
GGGTCATCCGAGTCCAGAAAAGACAAAAATGCCAAGGATGAAGAACTCATGAGAAACAGAATGAAATT
GAGGAAGGAGGCAAAGCCTGGCTCCAGCCCTGCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC228129 representing NM_001146172
Red=Cloning site Green=Tags(s)

MCAFPWLLLLLLLLQEGSQRRLLWRWCGSEEVVAVLQESISLPLEIPPDEEVENIIWSSHKSLATVVPKKEG
HPATIMVTNPHYQGQVSLDPSYSLHISNLWEDSGLYQAQVNLRTSQISTMQQYNICVYHPNYASEKPS
TAFCLLAKGLLIFLLLIVLAMGLWVIRVQKRHKMPRMKLMRNRMKLRKEAKPGSSPA

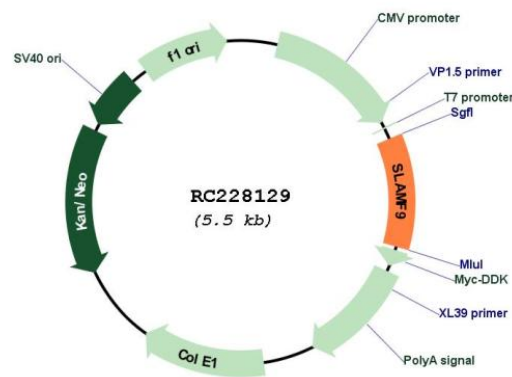
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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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. [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: [NM_001146172.2](#)

RefSeq ORF: 597 bp

Locus ID: 89886

UniProt ID: [Q96A28](#)

Cytogenetics: 1q23.2

Protein Families: Druggable Genome, Transmembrane

MW: 22.4 kDa

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]