

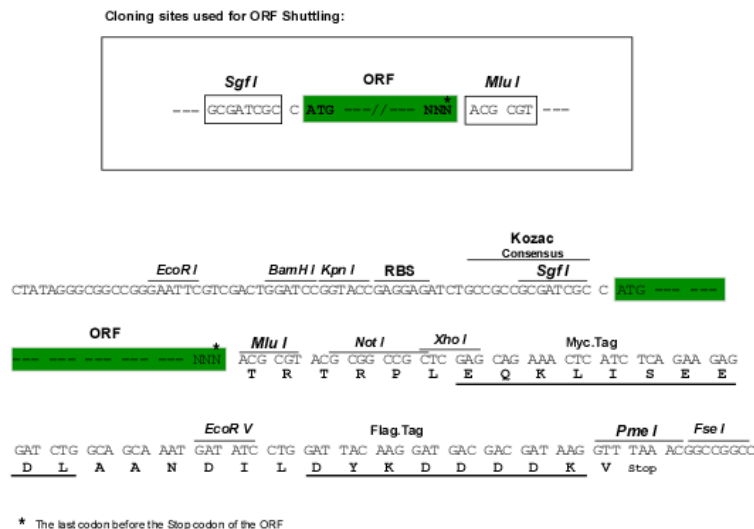
Product datasheet for **RC228049**

SLAMF9 (NM_001146173) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	SLAMF9 (NM_001146173) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	SLAMF9
Synonyms:	CD2F-10; CD2F10; CD84-H1; CD84H1; SF2001
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC228049 representing NM_001146173 Red=Cloning site Blue=ORF Green=Tags(s) TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC ATGTGTGCCTTTCTTGCTGCTTCTTCTCCTGCTGCTCCAGGAGGGCAGCCAAAGGAGACTCTGGAGATGGTGTGGATCCGAGGAAGTGGTTGCGGTCCTTCAGGAGTCCATCAGCCTCCCCCTGGAAATACCACCAGATGAAGAGGTTGAGAACATCATCTGGTCTCTCACAAAAGTCTTGCCACTGTGGTGCCAGGAAAGAGGGAATCCAGCTACCATCATGGTGACCAATCCACACTACCAGGGCCAAATCCTAACTATGCTTCTGAGAAGCCTTCAACAGCCTTCTGCCTCCTGCGCAAGGGATTGCTCATCTTCTGCTCTTGG ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATTACAAGGATGACGACGATAAGGTTTAA
Protein Sequence:	>RC228049 representing NM_001146173 Red=Cloning site Green=Tags(s) MCAFPWLLLLLLLQEGSQRRLWRWCGSEEVVAVLQESISLPLEIPPDEEVENIIWSSHKSLATVVPKKEGHPATIMVTNPHYQGQILTMLLRSLLQPSASWPRDCSSSCSW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Restriction Sites:	SgfI-MluI


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Cloning Scheme:


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](#)

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.

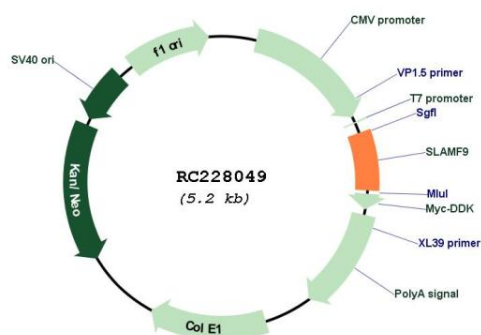
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001146173.2](#)

RefSeq ORF: 336 bp

Locus ID:	89886
UniProt ID:	Q96A28
Cytogenetics:	1q23.2
Protein Families:	Druggable Genome, Transmembrane
MW:	12.4 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]

Product images:



Circular map for RC228049