

Product datasheet for MR203872

Slamf9 (NM_029612) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Slamf9 (NM_029612) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Slamf9
Synonyms:	2310026I04Rik; A1462096; CD2F-10; Cd2f10; CD84-H1; SF2001
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR203872 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCCCTTCTGTGGTCACTCCTGCTGCTGCTTCAGGAAGCCAAAGGGTTTTCTGGAGATGATGAGG
ATCCTGAGGAAGTGATTGGTGTCTGCAAGAGTCTATCAACCTCTCTCTGGAAATACCATCCAATGAAGA
AATTAAGCACATAGACTGGCTCTTTCAAACAACATTGCCATCGTGAAGCCAGGCAAAAAGGGACAGCCA
GCCGTTATCACGGCAGTGGATCCTCGATACCGGGCAGAGTGAGCATCTCTGAGTCCAGCTACTCCCTGC
ATATTAGCAATCTGACCTGGGAAGACTCAGGGCTTTACAACGCCCAAGTCAACTGAAGACATCTGAGTC
CCACATCACGAAGCTTACCATCTCCGTGTCTACCGGAGGCTGTCAAAGCCCACATCACTGTGAATCT
AACATCTCAGAGGAAGGTGTCTGTAATATATCTCTGACGTGCTCCATAGAGAGAGCAGGCATGGACGTGA
CCTACATCTGGCTTTCATCACAGGACAGCACTAACACATCCCATGAAGGCTCTGTCTCAGTACATCCTG
GAGGCCTGGTGACAAAGCTCCTTCTATACTTGCAGGGTCAGCAACCCCGTCAGCAACATCAGTTCCCGT
CGCATCTCTGTTGGTCTTCTGTGCAGATCCTGGATATCCGGAGAAGCCTTCAATGCTCTGCTTACTGG
TTAAGAGCTTGTTCCTTCTCCTACTCTTGGCAATTCTAACTGTGGGACTCTGCCTCTTCCGAGCCCAGAA
AAGCTATGAGACGCCAAGGGTGAGGAACTCAAGAGAAACCGCATCAAAGTGAAGGAAGGGGAAGCCT
GGCCCTACTCCCGTC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR203872 protein sequence
Red=Cloning site Green=Tags(s)

MGALLWSLLLLLQEAKFSGDDEDEPEEVIGVLQESINLSLEIPSNEEIKHIDWLFQNNIAIVKPGKKGQP
 AVITAVDPRYRGRVSISESSYSLHISNLTWEDSGLYNAQVNLKTSSEHITKSYHLRVYRRLSKPHITVNS
 NISEEGVCNISLTCSIERAGMDVTYIWLSSQDSTNTSHEGSVLSTSWRPGDKAPSYTCRVSNPVSNISSR
 RISVGSFCADPGYPEKPSMLCLLVKSLFLLLLLAILTVGLCLFRAQKSYETPRVRKLRNRILKRRKGGKPG
 GPTPV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_029612

ORF Size: 858 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_029612.1](#), [NM_029612.2](#), [NM_029612.3](#), [NM_029612.4](#), [NP_083888.2](#)

RefSeq Size: 1152 bp

RefSeq ORF: 858 bp

Locus ID: 98365

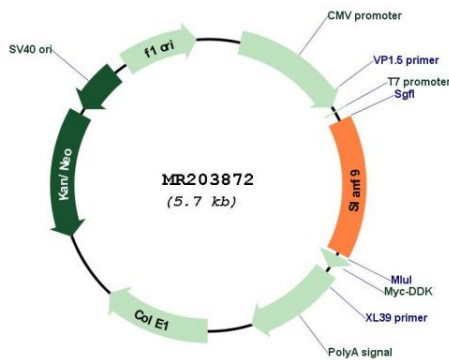
UniProt ID: [Q9D780](#)

Cytogenetics: 1 H3

MW: 31.7 kDa

Gene Summary: May play a role in the immune response.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR203872