

Product datasheet for **RR215448**

Slamf1 (NM_001109078) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slamf1 (NM_001109078) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Slamf1
Synonyms: RGD1560634
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215448 representing NM_001109078
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGATCCCAACCGATCCCTTTCTTGGAGAATACTTCTGTTTCTCTCCCTGGCTGTTGAGTTGAGCTACG
GAACAGGTACAGGTATGATGGACTGCCCGGTATTCTCCAGGAGCTGGGACGTGACACATGGCTGGCCCT
GACAAATGAACATCAGATTAATAAGAGCGCGAACAAGCATCCGCATCCTTGTCACGATGGCAAGGTCT
CCAGGAAGCAAAACCAACAAGAAAATAGTGCTTTTGGATCTCTCGAAAGGGGGCTACCCAGATCACTGG
AGGATGGCTACCAAGTTCAATCCAAAACCTAAGCCTGAAGATCCTAGGGAACAGGAGGGAGAGTGAAGG
CTTGACTTTGTGACCGTGAAGAGAACGTGTCAGTCCATCAATCCTGCACGCAACTGAAGCTTTATGAA
CAGGTCTCCACTCCAGAGATTAAGTGCTAAACAAAACCCAGGAGGAGAAATGGGACCTGCCACTTGCTGC
TAGCCTGCACGGTGAAGAGAGGGGATAATGTGCTTACAGCTGGGGTGATGAGGCAGGTACCCGTCTGCC
AAGCCAAGCCAACCGCTCCACCTCCTGCACCTCATCCTTAGCAACCAGCATCAGGACAGCATCTACAAC
TGCACAGCGAGCAATCCTGTGAGCAGTCTCGGACCTCAACCTATGGCAGCAATGCAGGCCAGAAT
CCTACTCAGAATCGAGTCTGTGGCTTCCGTATATTGCTGCACCATAGGGGTGATCATATTCGTCATCCT
GGTTTCCATAGCAACAGTATTGGTGAAAAGATACTGGGCTCCAGTGGTAAACCAATCACTGCCAGCCA
CCTGTAGAAAGAAAAAGCCTTACTATCTATGCCCAAGTACAGAAATCAGGGCCTCTAGAGAAGGAACTTC
ATGATGCCCTGACAGATCAGGACCCCTGCACGACCATTTATGTGGCTGCCACAGAGCCTGTCCAGAATC
TGTCAGGAACCAACCCACCACAGTTTATGCCAGTGTGACACTGCCAGAGAGC

ACGGTACGGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215448 representing NM_001109078
 Red=Cloning site Green=Tags(s)

MDPNRSLSLRILLFLSLAVELSYGTGTGMMDCPVILQELGRDTWLALTNEHQINKSANKSIRILVTMARS
 PGSKTNKKIVSFDLSKGGYPDHLEDGYQFQSKNLSLKILGNRRESEGLYFVTVEENVSVHQSTQLKLYE
 QVSTPEIKVLNKTQEENGTCHELLLACTVKRGDNVSYSWGDEAGTRLP SQANRSHLLHLILSNQHQDSIYN
 CTASNPVSSRSRTFNLWQQCRPESYSESSLWLPYIAAPLGVIIIFVILVSIATVLVKRYWAPSGKPNHCQP
 PVEEKSLTIYAQVQKSGPLEKELHDALTDQDPCTTIYVAATEPVPESVQEPNPTTVYASVTLPE

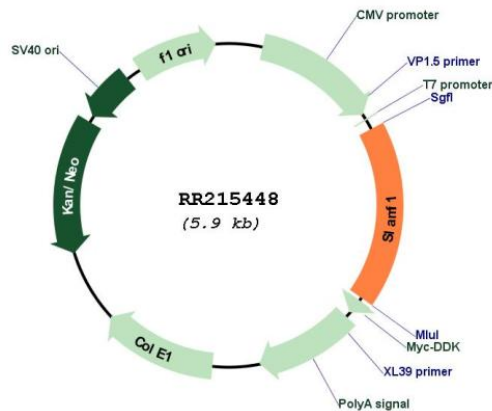
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001109078

ORF Size: 1035 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:	<ol style="list-style-type: none">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_001109078.1 , NP_001102548.1
RefSeq Size:	2731 bp
RefSeq ORF:	1038 bp
Locus ID:	498286
Cytogenetics:	13q24
MW:	38.4 kDa