

Product datasheet for **MG203747**

Slamf8 (NM_029084) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Slamf8 (NM_029084) Mouse Tagged ORF Clone
Tag: TurboGFP
Symbol: Slamf8
Synonyms: 5830408F06Rik; Blame; SBBI42
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >MG203747 representing NM_029084
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTGGTCCCTCTGGAGTCTTCTCTTTGAAGCTCTCCTCCCGTTGTGGTTGTCAGTGTCCAAGTGC
TAAGCAAGGTAGGGGACTCAGAGCTGCTGGTGGCCGAGTGTCTCCGGGCTTCCAAGTGCCTGAGGCTAT
CTGGCGATCTCTGTGGCCATCGGAGGAGCTCCTGGCCACATTTTCCGAGGTTCTTGAGACTCTGTAC
CACTCTCGTTTCTGGCCGAGTCCAGCTATATGACAACCTCAGCCTGGAGCTTGGACCCCTGAAACCTG
GAGACAGCGGCAATTTCTGTGCTGATGGTGGATACAGGGGTCAAACCTGGACCCAGACCCTGTATCT
CAAGGTGTACGATGCAGTACCCAAGCCGAGGTTCAAGTGTTCAGTCTGCTGCAGCAGAGGAGACCCAACCC
CTCAATACCTGTCAAGTCTTCTTGTCTGCTGGGCCCAACATCAGTGACATAACCTACAGCTGGCGAT
GGGAGGGGACAGTGGACTTCAATGGTGAAGTGCAGCCATTTCTCAAATGGACAGGTGTTAAGTGTCTC
ACTGGGACTGGGGACAAGGATGTGGCCTTTACCTGCATTGCCTCCAATCCTGTCAAGTGGGATATGACC
ACAGTCACCCCTGGGAGAGCTGCCATCACGAGGAGCCTCCGGGAAGGCCTCTACAAGGATGTGCTAC
TGGTAGTAGTCCAATTACACTGTTCTGATCCTGGCTGGTCTCTTTGGGCATGGCACCATGGCCTCTG
CTCAGGGAAGAAGAAGGATGCTTGCACTGACGGGTGCTTCCAGAGACAGAGAATGCCCTCGTA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >MG203747 representing NM_029084
 Red=Cloning site Green=Tags(s)

MWSLWLLLLFEALLPVVVVSVQVLSKVGDSELLVAECPGFQVREAIWRSLWPSEELLATFFRGSLETLY
 HSRFLGRVQLYDNL SLELGPLKPGDSGNF SVLMVDTGGQ TWTQTL YLKVYDAVPKPEVQVF TAAAEETQP
 LNTCQVFLSCWAPNISDITYSWRWEGTVDFNGEVRSHFSNGQVLSVSLGLGDKDVAFTCIASNPVSWDMT
 TVTPWESCHHEAASGKASYKDVLLVVPITLFLILAGLFGAWHHGLCSGKKKDACTDGVLPETENALV

TRTRPLE - GFP Tag - V

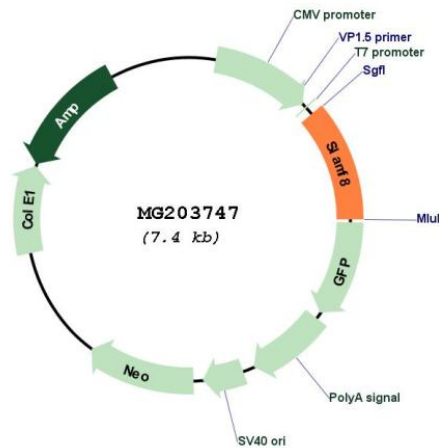
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN: NM_029084

ORF Size: 834 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_029084.1
RefSeq Size:	2041 bp
RefSeq ORF:	837 bp
Locus ID:	74748
UniProt ID:	Q9D3G2
Cytogenetics:	1 H3
Gene Summary:	May play a role in B-lineage commitment and/or modulation of signaling through the B-cell receptor.[UniProtKB/Swiss-Prot Function]