

## Product datasheet for MR203747

### Slamf8 (NM\_029084) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Slamf8 (NM\_029084) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Slamf8  
**Synonyms:** 5830408F06Rik; Blame; SBBI42  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR203747 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTGGTCCCTCTGGAGTCTTCTCTTTGAAGCTCTCCTCCCGTTGTGGTTGTCAGTGTCCAAGTGC  
 TAAGCAAGGTAGGGGACTCAGAGCTGCTGGTGGCCGAGTGTCTCCGGGCTTCCAAGTGGTGGAGGCTAT  
 CTGGCGATCTCTGTGGCCATCGGAGGAGCTCCTGGCCACATTTTCCGAGGTTCTTGAGACTCTGTAC  
 CACTCTCGTTTCTGGCCGAGTCCAGCTATATGACAACCTCAGCCTGGAGCTTGGACCCCTGAAACCTG  
 GAGACAGCGGCAATTTCTGTGTCTGATGGTGGATACAGGGGTCAAACCTGGACCCAGACCCCTGTATCT  
 CAAGGTGTACGATGCAGTACCCAAGCCGAGGTTCAAGTGTTCAGTCTGCTGAGCAGAGGAGACCCAACCC  
 CTCAATACCTGTCAAGTCTTCTTGTCTGCTGGGCCCAACATCAGTGACATAACCTACAGCTGGCGAT  
 GGGAGGGGACAGTGGACTTCAATGGTGAAGTGCAGCCATTTCTCAAATGGACAGGTGTTAAGTGTCTC  
 ACTGGGACTGGGGGACAAGGATGTGGCCTTTACCTGCATTGCCTCCAATCCTGTGAGCTGGGATATGACC  
 ACAGTCACCCCTGGGAGAGCTGCCATCACGAGGAGCCTCCGGGAAGGCCTCTACAAGGATGTGCTAC  
 TGGTAGTAGTCCAATTACACTGTTCTGATCCTGGCTGGTCTCTTTGGGCATGGCACCATGGCCTCTG  
 CTCAGGGAAGAAGAAGGATGCTTGCACTGACGGGTGCTTCCAGAGACAGAGAATGCCCTCGTA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

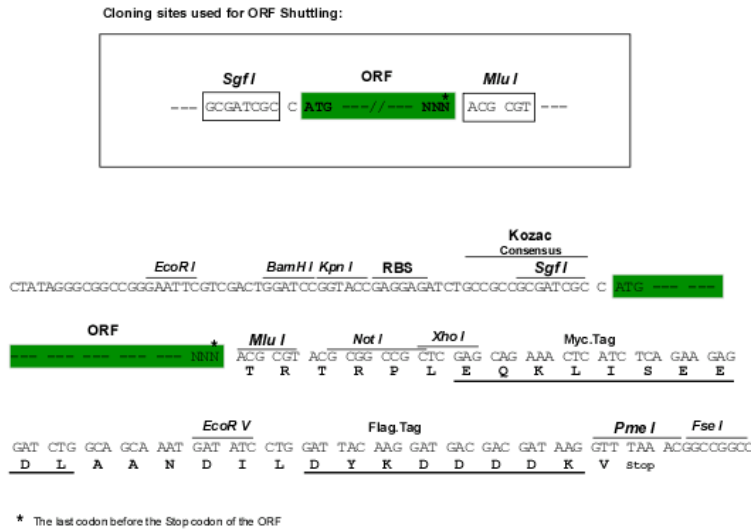
**Protein Sequence:** >MR203747 protein sequence  
 Red=Cloning site Green=Tags(s)

```
MWSLWSLLLFEALLPVVVSVQVLSKVGDSELLVAECPGFGVREAIWRSWPSEELLATFFRGSLETLY
HSRFLGRVQLYDNL SLELGPLKPGDSGNF SVLMVD TGGQTWTQTL YLKVYDAVPKPEVQVF TAAAEE TQP
LNTCQVFLSCWAPNISDITYSWRWE GTVDFNGE VRSHFSNGQVLSVSLGLGDKDVAFTCIASN PVS WDMT
TVTPWESCHHEAAS GKASYKDVLLV VVPI TLFLILAGLFGAWHHLGCSGK KKDACTDGVLPETENALV
```

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_029084

**ORF Size:** 837 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\\_029084.1](#)

**RefSeq Size:** 2040 bp

**RefSeq ORF:** 837 bp

**Locus ID:** 74748

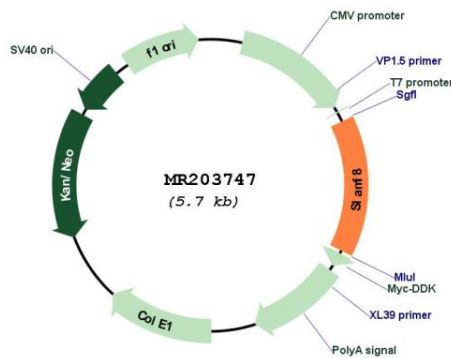
**UniProt ID:** [Q9D3G2](#)

**Cytogenetics:** 1 H3

**MW:** 30.6 kDa

**Gene Summary:** May play a role in B-lineage commitment and/or modulation of signaling through the B-cell receptor.[UniProtKB/Swiss-Prot Function]

### Product images:



Circular map for MR203747