

Product datasheet for **MC223842**

Maml2 (NM_001013813) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Maml2 (NM_001013813) Mouse Untagged Clone
Tag: Tag Free
Symbol: Maml2
Synonyms: 5930431H10; BC032967
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223842 representing NM_001013813
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGGGACACAGCGCCCCGAGGCCCGCAGGAGGGTTGGGAGGGGCTTCTGGGGCGGGGCTCCTTG
 GAGGGGGCTCAGTCACTCCGAGAGTGCACAGTGTATTGTGGAACGCCTGCGGGCTCGCATTGCTGTCTG
 CCGACAGCACCACCTGAGCTGTGAAGGACGCTATGAACGTGGTAGGGCTGAGAGCTCAGACCGAGAGAGG
 GAGAGCACCATGCAGCTTCTCAGCCTGGTGCAGCATGGTCAGGGGGCAAGGAAGGCTAGCAAACATGCTA
 AGGCTACAGTCGCGACTGCCACTACCACAGCTCCTCCACCGCCCCCTACTGCCCTCCTGTGGCCTCCCA
 AGCGGCAGCCACGGCCCCACCACCTCCACCAGACTATACCATCACCATCAGCAGCACCGGCTGACCAGT
 AATGATAACGGTGGGATAAACCGAGAGCAGCCGACGCTTCGACCCCGGGGGACCAGCGGAACTCAGCCC
 TGCTTGGCTCCAGGGCTCTTTGAAAAGAAAGCAAATAGTCAACTTGTCTCCTGCCAACAGCAAGAGGCC
 CAATGGCTTTGTTGACAGCTCATTCTTGACATCAAAGGATCAGAGTTGGGGAGAACCTTTCTACAGGT
 CAGGGGGGCTCCAGTAAATAATGGACAAAGTCAAATGATGCCAGGGCCCTTGACCATGAATCAAGCAC
 CCTGAGGAAGACTAATGCTCTACCACCTCCTGCACATTCCCCTGGCAACAATTTGTTAACATGGGCTT
 AAAGGAGTGAAGAAAGAACCTGGGGAGACCCTGTCTGACAGTAAAGCACATGAGTGACCAAATGACACAA
 GAGAGTGTAAAACTAATAGGTTGGAGATGACCTGGAGATCAACTGATGGACCCTGAGCTACAGGAAC
 TGTTCAATGAACTAACCAACATATCAGTGCCTCCATGAGTGACCTGGAGCTGGAGAACATGATCAATGC
 TACCATTAAGCAAGATGACCCGTTTGGCATTGACTTGGGTGAGCAGAGCCAGAGGAGCACACCTAGACCC
 TCCCTGCCATGGAGAAGATCATTATCAAAGTGAATATTCACCTGGTTTACACAAGGCACTTCAGGCT
 CTCCCAGCTGAGACCCCATCAGCTGGCCCTGCATTTTCTTGGCTAACTCTGCACTCTCCACTTCATC
 CCCAATCCCACAATTCCCAGAGTCAGCCTCAGCTTCAGACAGTATCAGGAGCAAACAGGGCCCTGTCA
 AGCTGGCAAGAAGTATCCATGTCTCAACAGCTCAAGCAGATAGCTGCAAACCGCCAGCAGCATGCACGGA
 TGACAGCAGCAACAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGC
 GCCATCCCAGGAGCATTGTGACAGAAAAATCCCTAGCCCTTCTTTCAGCCAGCAACCATTCAGTCCA
 CAGGGATCCCCATGCCTGGGGTACTGGCAGCAACCCAGTCTAAAGCAGCGGCAATTACACGTACA



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AGGCCAGCCCCTCAGCCCAGGCTGGACACCTGGATGTGCTTCTGCAGCAAAAGCCTCAGGAGCTCAATCG
 AAGCTTCATTAATAACCCACACCCAGCCTTGGAGCCCCGGCATGGCAATACCAAGCCTTTGTTCCATTTT
 AACTCAGACCAAGCAAACCAGCAGATGCCTTCTTTTGCCTTCCCAGAGCAAACCTTCTCTTGCAGT
 ATACCCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAGCAACAACAACAACAACAGCAGCAGCA
 GCAACAGCAGCAGCAACAACAACAACAGCAGCAGCAACAACAACAGCAGCAGCAGCAACAACAACAACAG
 CAAGGCTCCCTGGCAGCTCAGCAGCAGCAGCAGCAGCCACAGCCACAGAGTTCATTGGTAGCTCAGCAGC
 AGCAACAGCAGCAGCAACAGCAGCAGCAGCAAGGTTTATTGACAGCTCAGCAGCAGCAGCAACAGCA
 GCAGCAGCAGCAACCATCGCAACCCACCCATGCTTTATCAAGCCAGCCTTTGCTAAGGTCACCCTTACAA
 CTTTCAGCAAAAAGATCATGCTTCAGAAAATGCAAACTCAGTCCATCACAGGCCTGGGATATCAAGTCACTC
 AACAGCACAGACAGGATCAACACACTGTGGTAGGCCAGAACACAGGCCCCAGTCCAAGTCCCAACTCCTG
 CTCAAATCCAAACTGGAAGTGGTTACATGAACTCCCAGCAGTCCCTGTTGAATCAGCAGATGATGGGG
 AAGAAACAGACCCCTGCAGAGACCAACCATGGAGCAGAAGCAGCAACTTCTCTCCAGCAGCAGATGCTGG
 CTGATGCGGAGAACTTTCCCTCAGGATCAGATGAACAGACATCTGACAAGGCCGCCCCAGACTACAA
 AGACCAAGAAGAATAACGGGCACCCTGCAGCCAGCTGCTCAGTATTCGGGTGGCTCCTCTACAGTGAGT
 TAAACTCTAACAGGCTCTGACAAACCCAGTTTCAACACACACCATTTTAACTCCAACCTCCAGCCTCA
 TGCTACGTCTCATGGGATGAGAATGCCATTGTTATCTACAGTTCAGAACATAGGGATGTATGGAACCT
 GCCTTGTAAACCAGCCTGGCACCTACAACGTCACTTCAACAATGAACCAGCTGACACAACAGAGAAATACA
 ACTCAACTGATAACAAATCAGAACAACCCCTCTGATGTCTCGGCCATCTCCCTTAGGGGCAATAACGGTA
 ACAATGTGGCCACCTTTGGAGCTGGATCTGCTGGCAGTTCACAGCAATTGAGACCAAAATTTGGCTCACAG
 TTTGTCAGGCATGTCAGCCCAGAGGTCACTCAACTGTATGATCACAGCCAACACGACAGCAACAACTGG
 GCTTCTCAAGAGGTGACAGGGAAACAACAGGAAGCCCTCAAATCCACAGGAGTCCGGTCCCAACAAGTA
 CACCTGCAGCCTATACCCCAAACAGTCTTTGCAACCAGGAGTAGGGAGCCAGCCATTTCCAGAGGGC
 AGTGGCACCCCTAGCCAGTTATCGCCAGCAGTGCAAATGAGACCTATGAACCAATGAATCAGGCATTA
 AATGGGCAAAACCCCTGGGTTCACTCAGGGGTTGAACCTCAGACCAATCAGCTGGCCGCCAGAGCCTGT
 CTAATATGAACCCATCAGGGACAGGATTGAATCATCCCAGGACAGGCACCAACCAGCCTCCATCCCTGAC
 ACCTAACGCTTTTCTTTCATCCAACCAAGTTCAGGGCTTTTCAAGGACCTGATCATGGCAGTGATTTA
 GCTTTTGACTTCTCAGCCAACAGAGCGACAGCATGTGCCCTGCCCTAACAGTGATGCTGATTTTCATCG
 ATTCTTTATTGAAGACAGAGCCTGGTAATGACGACTGGATGAAAGATATCAACCTTGATGAGATCCTGGG
 AAGCAATTCTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001013813
- Insert Size:** 3513 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001013813.3](#), [NP_001013835.2](#)

RefSeq Size: 6548 bp

RefSeq ORF: 3513 bp

Locus ID: 270118

Cytogenetics: 9 A1