

## Product datasheet for **RN201301**

### **Maml1 (NM\_001106997) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Maml1 (NM_001106997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Maml1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN201301 representing NM\_001106997  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGATCGCAGGGCTGGCAGCTCTGTAGCTCAGAGCAACCTCATGCCTGACCTCAACCTTAATGAGCAGG  
 AGTGGAAGGAGCTCATCGAAGAGCTCAACAGGTCAAGTGCCTGACGAAGACATGAAGGACCTGTTACTGA  
 GGACTTTGAGGAGAAGAAGGATCCAGAGCCCCCTGGTTCTGCCACACAAACCCCTTGGCCAGGACATT  
 AATATCAAGACTGAGTTCTCTCCAGCAGCCTTTGAGCAGGAGCAGTTAGTTCTCCACAAGTAAGGGCTG  
 GGTCTGCAGGCCAGACCTTTCTAGCACCTCATCTGCCCTGTGGGCACAGATTCTCCAGCCTTGGGAA  
 CTCTCAGACTCTGTTTACACCACTGGTCAACCTGGGGTGGATAGTTCCAGTCCAAACCTGATGCCGGCA  
 TCAGCCCAGGCCAGAATGCACCAAGAGCCCTCACAAGTGTGGTATTACCTAGCCAGGGCCAGGAGGGG  
 CCTCGGAGCTGTCTCTGCTCACCAGCTCCAACAGATAGCTGCCAAGCAGAAACGTGAGCAGATGCTGCA  
 GAATCCACAGCAAACCTGCCCCAGCACCTGGCCAGGCCAGCTGTCCACGTGGCAGCAGGCAGGACCTCT  
 CACAGTCCCTTAGATGCTCCTTATCCCATGGAGAAGCCTGCCAGCCCTTCTGGCTATAAGCAAGACTTTA  
 CCAACTCAAACCTGCTCATGATGCCTAGTGTGAACAAGAGTTCTCCTCGGCCAGGAGGCCCTACCTCCA  
 ACCTAGCCACTCCAACCTGCTGAGTCAACAGTCAACCAAGTAACTTGAATCCGAACCTGTGAACAACCA  
 GGGTCCATGCTAGATTATGGCAATACAAAACCCCTGTCTCATTACAAAGCAGACTGTGGCCAAGTGGCC  
 CTGGGTGGGCCAGAACAAACCAGCTTTGATGGCATATCTTCCCCAGCAGCTGCCTCATCTGAGTAAATGA  
 GCAGAACTCCTTGTCTGATGAAACCAAGCCAGGAAACATGCCCTTCCGGTATTGGTCCACCTGGC  
 CAGGAGCAGAATCCTCCAGTGTCCCTGTACCAGCCCCAGCTGCCAGTGTGGGAACCCAGCCTAGTGTGT  
 CGGTGGCCAGCACTCACAGCAGCTTTACCTCAGCAGCCAGCAGCAGCCAGCTGTGATGAAGCAGCACCA  
 GCTGCTCCTGGACCAGCAGAAGCAGAGAGCAGCAGCAGCTGCAGCAACAGCAGTTCTGCAGAGGCAG  
 CACCTCCTGGCTGAGCAGGAGAAGCAACAGTTTACAGCTCATCTGACCCGCCACCCCCCAGTACCAAG  
 ACCCAACACAAAGCACCTTCCAACAACAGGTTGGACAGTTCACAGGACCTTCTGCTGCTGTGCCTGGAAT  
 GAACAACCTGGGTCCATCCAATTCAGCTGTCTCGAGTGTCCCTCAGCCTGGGACTCTGATGTCAATG  
 GGTCTGGACATGCCCTGTTTCTCTCTCCCCAAGCTCAGGCCAGCAGGACCGTGGAGTGGCCAGT  
 TACTGGTCCCAGAGTTTGCCTCACAACAGCCTTTATGGCATGGCATCAGGCCTAGCCAGATAGTTGC  
 CCAGCCCCACCAGGCTACCAGCACACATGCCACATTCACGGCAGACCAATGTGGGCCAAAATGCC  
 TCCACCTCAGCTGCATATGGACAGAATCTCTGGGGAGTCCAGCCTCTCCAGCAGCACAGTAAGGGAA  
 CCCTGCCTCCTGGTTTAGCAAAGCCACAAGTCCCAAGGGTATCAGCAGCCATGGGAAGCCAGAATCCCTC  
 ATGGCAACATCAGGGGATGCCAAACCTGAGCAGCCAGACACCTGGGAACAGCAGTGTGAGCCCTTCACT  
 GCGGCTTCCAGTTTCCACAGACAGCAAGCCACCTGAAAATGTCTGCTCAGCAGTTCTCCAGGCCATGC  
 CCACCAGGCCATGGCTCCTCTGAGTTCAGCAGCTGCAGCAGGGCCCATGCTGCCCTCAGTGAACACACA  
 GCAGAGGAACAGTGGCCCTGCCCTGCCCTCCCCAAGCAGCCTCACAGCAGGGCTTGCCTGGCTTAAAT  
 CCTTCAGGGCTGAGCTGGGGCCTTCGGCCAGAGCCCCACTTCCAGATGAACAGCAGGCCTGGGCTGC  
 ACTGTGCTCAGGCTTACCCTGTGAGGACCATGGGCCAAGAGCTTCCCTTCGTTACAGCGGCAGCCAGG  
 CAGCAGTGGTCTGTCCAGTGTGGCTGGACACACCGACCTGATCGACTCGCTGCTGAAGAACAGGACTTCC  
 GAGGAGTGGATCAATGAATTGGATGATCTTCTAGGGTCACAGTAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001106997  
**Insert Size:** 2355 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001106997.1</a></u> , <u><a href="#">NP_001100467.1</a></u>
<b>RefSeq Size:</b>	5475 bp
<b>RefSeq ORF:</b>	2355 bp
<b>Locus ID:</b>	303101
<b>Cytogenetics:</b>	10q22