

## Product datasheet for **RN204562**

### **Mybl2 (NM\_001106536) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mybl2 (NM_001106536) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Mybl2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN204562 representing NM\_001106536  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCTCGGCGGACGCGCTGTGAGGAAGTGGATGAGTTACGCTACCAGGACACGGACTCAGACCTCTGG  
 AGCAGAGAGACAACAAATGTAAGGTCAAATGGACCCACGAGGAGGATGAGCTACTGAGGGCCCTGGTGAG  
 GCAGTTTGGACAGCAAGACTGGAAGTTCCTGGCCAGTCACTTTCCTAACCGCACAGACCAGCAATGCCAG  
 TACCGGTGGCTGAGGGTTTTGAATCCAGACCTTGTAAAGGGACCGTGGACCAAAGAGGAAGATCAGAAGG  
 TCATTGAGCTGGTCAAGAAGTACGGCACAAAACAGTGGACGCTCATTGCCAAGCACCTGAAGGGCCGTCT  
 TGGGAAGCAGTGTCTGAGCGCTGGCACAAACCTCAACCCCTGAGGTGAAGAAGTCTGCTGGACAGAG  
 GAGGAAGATCGGATCATCTGTGAGGCCATAAAGTGTGGCAACCGCTGGGCTGAGATCGCCAAGATGC  
 TGCCAGGGAGGACAGACAATGCTGTGAAGAATCACTGGAATCCACCATCAAAGGAAAGTCGACACGGG  
 AGGGTTCCAAACGAGTCCAGAGACTGCAAGCCTGTCTACTTGTCTTGGAGCTCGAGGACAAGGATTAC  
 CAACAGAAATGTCCAGCCTGTGGAAGGCCCGGGAAGTCTTGTGAGCAGCTGGCCCTGGCGCCCTCTACTG  
 TGAAGGAGGAGGAGAGCAGCGAGGAGGAGGCTGCCGTGGCTACTACTTCTAAGGAACACAAGCAGGAGCC  
 CGTCCCCACTGATCTGGGGGAAGTGCACACCCAGAGCCCTGGAATTCCTCAAGCGTGAATACCAGGAG  
 GAATCCTCCCCAGAAACAAGCCTGCCCTACAAGTGGTGGTGGAGGCCGGAACCTCCTCATCCCTGCTG  
 TGGAGTCCAGCCTCTCCGAAGCTCTGGACTTGTGAGTCCGACCCCGATGCTTGGTGTGACCTCAGTAA  
 ATTTGATCTTCTGAAGAACCGTCTGCAGAGGGCAGTGTCAACAGTAGCCAGTGAACCTCCAGACACCG  
 CAGCAGCAGCAACAGCACCAGCAGGACTGTCTTCCACCAGGCTGCCACACCAGGGCCAGTGTGACTG  
 AGTATCGCCTTGATGGCCACACTATTTCCAGACCTGAGCCGAGCAGCCGGGAGAGCTGATCCCCATTTCC  
 CCAAGCACTGAGTTTGGGGGCTCAGGCATTGGCACACCCGCCCTCAGTGTCTCAAGCGACAGAAGAACCG  
 CGCGTGGCCCTGTGCGCTGTACAGAGAACAGTGCAGCTTGTCTTCTGGACTCCTGTAATAGCCTTA  
 CCCCAGAGACACACTGTCAAACCTTCCCTTCTCCTTCCAGTTTCTGAACTTCTGGAACAAACA  
 GGATACCTGGAGTTGGAGAGCCCTCCCTGACGTCCACTCCGGTGTGCAGCCAAAAGGTGGTAGTCACC  
 ACACCCTGCACAGGGATAAGACGCCCTGCACCAGAAGTATCCATCGTTTGTAAACCCAGATCAGAAGT  
 ATTCCATGGACAACACTCCACACACCAACCCCGTTCAAGAATGCTCTGGAGAAATATGGACACTGAA  
 ACCCTGCCCAAACCCACACTGGAAGAGGACTTGAAGGAGGTGCTTCCGTTCCGAGGCTGGCATTGAG  
 CTCATCATTGAGGATGACATGAGACCCGAGAAACAGAAGAGAAAGCCTGGGCTCCGGCGAAGCCCTATCA  
 AGAAGGTTGCGAAGTCTCTGGCTCTTACATTGTGGATGAGGATGGGAAGATGATGTCATCGACCTCGCC  
 CAAGACTCTGTCTTGGCAACCAAGTGTCCCATCCAGCTCCTCTGGCTTCTCTTGGCCGGTATCAAGGAG  
 GATAACAGCCTGCTCAACCAGGGCTTCTACAGGCCAAACCCGAGAAGGTGGTGGCCACCCAGAAGCCCC  
 GGAGCCACATTCCAGCCCTGCTCCTATGACCCGTGCCTGGAAGACGGTGGCCTGTGGGGGCACTAAAGA  
 CCAGCTTTCATGCAAGAGAAGGCCCGGACGCTCCTGGGCCGTGAAGTCCAGCCACACATCTCGGACC  
 CTCATTCTGTCC**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_001106536

**Insert Size:** 2115 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).

<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>NM_001106536.1, NP_001100006.1</u>
<b>RefSeq Size:</b>	3710 bp
<b>RefSeq ORF:</b>	2115 bp
<b>Locus ID:</b>	296344
<b>Cytogenetics:</b>	3q42