

## Product datasheet for **MC227838**

### **Mpl (NM\_001285497) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Mpl (NM_001285497) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Mpl
Synonyms:	c-mpl; CD110; hlb219; TPO-R
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

**Fully Sequenced ORF:** >MC227838 representing NM\_001285497  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCCTCTGGGCCCTCTTCATGGTCACCTCCTGCCTCCTCTGGCCCTTCAAACAGGCACAAGTCA  
 CCAGCCAAGATGTCTTCTTGCTGGCCTTGGGCACAGAGCCCTGAACTGCTTCTCCCAAACATTTGAGGA  
 CCTCACCTGCTTCTGGGATGAGGAAGAGGCAGCACCCAGTGGGACATACCAGCTGCTGTATGCCTACCGA  
 GGAGAGAAGCCCCGTGCATGCCCCCTGTATTCCAGAGTGTGCCACCTTTGGAACCCGGTATGTGTGCC  
 AGTTTCCAGCCCAGGATGAAGTGCCTCTTCTTCCGCTGCACCTCTGGGTGAAGAATGTGTCCCTCAA  
 CCAGACTTTGATCCAGCGGGTGTGTTTGTGGATAGTGTGGCCCTGCCAGCTCCCCCAGGGTCAACAAG  
 GCCAGGGTGGGAGCCAACCAGGGGAATTCAGATCCACTGGGAGGCCCTGCTCCTGAAATCAGTGACT  
 TCCTGAGGCATGAACTCCGCTATGGCCCCACGGACTCCAGCAACGCCACTGCCCCCTCCGTCATTACGT  
 GCTCTCCACAGAAACCTGCTGCCCACTTTGTGGATGCCGAACCCAGTCCCTGTTCTTGACCAGCCTCCG  
 TGTGTTTATCCGACAGCATCCCAACCGCATGGACCACTGAGGACCTCCCAAGTGGAGAAGCTCCATTTT  
 TGACAGTGAAGGGTGAAGCTGTCTCGTCTCAGGCCTCCAGGCTGGCAAATCCTACTGGCTCCAGCTACG  
 CAGCCAACCCGACGGGTCTCCCTTCGTGGCTCCTGGGACCCTGGTCTTCCCTGTGACTGTGGATCTT  
 CCAGGAGATGCAGTGACAATTGGACTTCAGTGCTTTACCTTGGATCTGAAGATGGTACCTGCCAGTGGC  
 AGCAACAAGACCCGACTAGTCCCAAGGCTTCTCCGCCACAGCAGGACGAGGTGCTGCCCCACAGACAG  
 GGACCCCACTGGGAGAAATGTGAAGAGGAGGAACCGCTCCAGGATCACAGCCCGCTCTCGTCTCCCGC  
 TGCCACTTCAAGTCACGAAATGACAGTGTATTACATCCTTGTAGAGGTGACCACAGCGCAAGGTGCCG  
 TTCACAGCTACCTGGGCTCCCCTTTTGGATCCACCAGGCTGTGCTCCTCCCACCCGAGCCTGCCTG  
 GAGGGAGGTCTCAAGTGAAGGCTGGAGTTGGAGTGGCAGCACCACTCATCTTGGGCAGCTCAAGAGACC  
 TGCTACCAGTCCGGTACACGGGAGAAGCCGTGAGGACTGGAAGGAGACTGAGGCATGCTTTGTGGCCC  
 TCGCTTCCAGACTACACGGGTCTAGGCCAGTACCTCAGAGACTGCAGCCCTAAGTCTTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001285497
- Insert Size:** 1398 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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).

<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>	<a href="#">NM_001285497.1</a> , <a href="#">NP_001272426.1</a>
<b>RefSeq Size:</b>	2701 bp
<b>RefSeq ORF:</b>	1398 bp
<b>Locus ID:</b>	17480
<b>UniProt ID:</b>	<a href="#">Q08351</a>
<b>Cytogenetics:</b>	4 54.61 cM
<b>Gene Summary:</b>	<p>Receptor for thrombopoietin that acts as a primary regulator of megakaryopoiesis and platelet production. May represent a regulatory molecule specific for TPO-R-dependent immune responses.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (4) lacks two alternate exons, which results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (4) has a distinct C-terminus and is shorter than isoform 1.</p>