

## Product datasheet for **MC208578**

### Gp1bb (NM\_001001999) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Gp1bb (NM\_001001999) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Gp1bb  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Fully Sequenced ORF:** >MC208578 representing NM\_001001999  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGCTCCCGCCTCATCCTAGTGCTTCTCTTTCAGGGCCCCGTGGGGCGCTGAGCCTGCTGCTTCTGTTGC  
TAGCGCTGCTCAGCCGCCAGCCTCTGGCTGCCCGCGCCATGCAGCTGCGCAGGGACGCTCGTGGACTG  
TGGGCGCCGGGCTGACCTGGGCGTCGCTGCCGGTGCCTTCCCTCCGACACCACCGAATTGGTGCTG  
ACCGCAACAACCTGACGGCGCTGCCGCCGGGCTTCTGGACGCGTTGCCTGCTCTGCGCGACACACCA  
TGGGCGCAACCCCTGGCGCTGCGACTGCCGCCTATTGCCGCTGCGCACTGGTGGCCGCCGCCGGA  
GCGCGCCCTACCGCGACTGCGCTGTGTGCGCCCCAGCGCTGCGCGGCCGCTTGTGCCCTACGTG  
GCGGAGGATGAGCTGCGGGCGCGTGGCACCCTACTCTGCTGGGAGCACTGGTGGCCAGCTAG  
CACTGCTGGTCTCGGGCTGCTACACGCGCTGCTATTGGCACTTCTACTAGGTCGCTGCGGAGGCTGCG  
CGCGCTGCGCGCACGCTCCATCCAAGAGTTCTCTCTCACAGCCCCGCTGGTGGCCGAGTCGGCCAGA  
GGTGGTGCATCC**TAA**

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-RsrII  
**ACCN:** NM\_001001999  
**Insert Size:** 645 bp



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<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_001001999.1</a></u> , <u><a href="#">NP_001001999.1</a></u>
<b>RefSeq Size:</b>	2085 bp
<b>RefSeq ORF:</b>	645 bp
<b>Locus ID:</b>	14724
<b>Cytogenetics:</b>	16 11.53 cM
<b>Gene Summary:</b>	<p>Gp-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to von Willebrand factor, which is already bound to the subendothelium. [UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) encodes the longer isoform (1). Sequence Note: This RefSeq record was created using sequences from two different strains, C57BL/6J and C57BL/6, because no single transcript from the same strain was available for the full length of the gene.</p>