

Product datasheet for MC208577

Gp1bb (NM_010327) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gp1bb (NM_010327) 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: >MC208577 representing NM_010327
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGCTCCCGGCCCGTGGGGCGCTGAGCCTGCTGCTTCTGTTGCTAGCGCTGCTCAGCCGCCAGCCT
 CTGGCTGCCCCGCGCCATGCAGCTGCGCAGGGACGCTCGTGGACTGTGGGCGCCGCGGGCTGACCTGGGC
 GTCGCTGCCGGCTGCCTCCCTCCCGACACCACGAATTGGTGTGCTGACCGGCAACAACCTGACGGCGCTG
 CCGCCCCGGCTTCTGGACGCGTTGCTGCTCTGCGCGCAGCACACCTGGGCGCCAACCCCTGGCGCTGCG
 ACTGCCGCTATTGCGCTGCGCGCTGGCTGGCCGGCCCGCCCGCGCGCCCTACCGGACCTGCG
 CTGTGTGCGGCCCGCAGCGCTGCGCGGCCGCTTGTGCTGCCCTACGTGGCGGAGGATGAGCTGCGGGCCGCG
 TGCGCACCCGGTCTACTCTGCTGGGAGCACTGGTGGCCAGCTAGCACTGCTGCTCCTCGGGCTGCTAC
 ACGCGCTGCTATTGGCACTTCTACTAGGTCGCTGCGGAGGCTGCGCGCGCTGCGCGCACGCTCCAT
 CCAAGAGTTCTCTCTCACAGCCCCGCTGGTGGCCGAGTCGGCCAGAGGTGGTGCATCCTAA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-RsrII
ACCN: NM_010327
Insert Size: 621 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).



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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:	<ol style="list-style-type: none">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:	<u>NM_010327.2</u> , <u>NP_034457.1</u>
RefSeq Size:	1847 bp
RefSeq ORF:	621 bp
Locus ID:	14724
UniProt ID:	<u>P56400</u>
Cytogenetics:	16 11.53 cM
Gene Summary:	<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 (2) lacks an internal segment, as compared to variant 1. It encodes isoform 2 which has an alternate N-terminus, as compared to 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>