

## Product datasheet for **MC221152**

### **Gp1ba (NM\_010326) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gp1ba (NM_010326) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gp1ba
Synonyms:	GPIba; GPIbalpha
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221152 representing NM\_010326  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCTCTCTCATCTTGTCTTCTCTGCTGCCAAGTCCCTTGCAATCCCAGCACACTTGTAGTATCTCCA  
 AAGTGACCAGCCTGCTGGAAGTAAACTGTGAGAACAAGAAGCTGACAGCACTGCCTGCAGACCTGCCAGC  
 AGACACAGGCATCCTCCACCTGGGCGAGAACAACCTGGGTACCTTCTCCAGCATCACTGGTGCATTTT  
 ACTCACCTCACTTATCTGTACCTGGATAGATGTGAGCTGACGAGCCTGCAGACCAATGGTAAACTGATAA  
 AGCTGGAAAACCTGGACTTATCCATAATAACCTGAAAAGCCTGCCCTCCCTAGGATGGGCATTGCCTGC  
 ACTCACTACTCTAGAGTCTCCTTCAACAAGTTGGGCTCACTGTCTCCTGGTGTCTGGATGGCCTAAGC  
 CAACTCCAAGAGCTCTACTTGCAGAACAATGATCTTAAGAGTCTGCCCCCGGGCTTTGTTGCCAACGA  
 CCAAGCTGAAGAACTCAATCTGGCCAACAACAATTGCGTGAGCTGCCCTCTGGGCTCTAGATGGGCT  
 GGAGGATCTTGATACCCTCTACCTTCAAAGGAAGTGGCTTCGCACAATACCAAAGGGCTTCTTTGGGACC  
 CTCTCTTGCCTTTTGTTTTTCTCCACGCCAACAGCTGGTACTGTGATTGTGAAATCCTCTACTTCCGTC  
 ACTGGCTCCAGGAAAATGCCAACATGTCTACTTATGGAAGCAGGGTGTGGATGTCAAGGACACAACCTCC  
 TAACGTGGCCAGTGTACGATGTGCCAATTGGACAATGCGCCTGTCTACTCCTACCCAGGGAAGGGCTGC  
 CCTACTAGTAGTGGTGACACAGACTATGATGACTATGATGATATCCCTGACGTCCCTGCCACAAGAACTG  
 AGGTCAAGTTCTCTACTAACACTAAAGTTCATACTACCCACTGGAGCCTACTCGCCGAGCACCTTCTAC  
 TTCTCAAGACAGCCAAATGATTTCTTGGCTCCAACCTATAAACCCTAAGAAACAATCTACATTCATC  
 CACACACAGAGCCAGGTTTACCACACTCCCAGAGACCATGGAATCTAACCCAACCTTCTACAGTCTAA  
 AACTCAATACTGTACTCCTCCCTCCCCAACCCCTAGAGCCACCTCCACCCAGGCTACCCAGAGCC  
 CAACATCCAACCAATGCTTACCACCTCCACCTGACTACCCAGAGCACAGCACCAACCCAGTGCCACT  
 ACTACCATCCTGACAACCCAGAGCACAGCACCATCCCAGTGCCCACTACTGCCATCCTGACTACCCCAA  
 AGCCCAGCACCATCCCAGTGCCCACTACTGCCACCCTGACTACCCTAGAGCCCAGCACCACCCAGTGCC  
 CACTACTGCCACCTTAACTACCCAGAGCCAGCACCACCCTGGTACCCACTACTGCCACCCTGACTACC  
 CCAGAGCACAGCACCACCCAGTGCCCACTACTGCCACTCTGACTACCCAGAGCACAGCACCACCCAG  
 TGCCCACTACTGCCACCCTGACTACCCAGAGCCAGCACCCTTAACTAATCTAGTGCCACTATCTC  
 CCCAGTGTCTACTACCACCCTGACCCTCCAGAGTCTACCCCAATTGAGACAATTTTAGAACAATTTTTT  
 ACCACAGAGCTCACTTTACTCCCTACCTTAGAATCCACCACCACAATAATCCCAGAGCAGAACAGCTTTC  
 TCAATCTCCCAGAGGTAGCTCTAGTAAGCTCTGATACTTCTGAAAGCAGTCTTTTCTCAATTCTGACTT  
 TTGCTGCTTCTCCCTGGGCTTCTATGTCTTGGTCTCCTCTGGCTCCTATTTGCCTCTGTGGTCCCTC  
 ATCTTGTGTGCTGACCTGGACCTGGCATGTGACACCACATAGTCTGGACATGGAACAATCTGCTGCATTGG  
 CCACAAGCACTCACACCACAAGCCTGGAGGTGCAGAGGGCAAGGCAAGTAACTATGCCCCGGCCTGGCT  
 GCTCTTCTTCAAGGATCACTCCCTACTTTCCGGTCTAGCCTTTTCTGTGGGTAAGGCCTAATGGGCGA  
 GTGGGGCTCTGGTAGCAGGACGGCGACCCTCAGCTCTGAGTCAGGGTCGTGGTCAGGACCTATTGGGCA  
 CAGTGGCATTAGTACTCAGGCCATAGTCT**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI

**ACCN:** NM\_010326

**Insert Size:** 2205 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><a href="#">NM_010326.2</a></u> , <u><a href="#">NP_034456.2</a></u>
<b>RefSeq Size:</b>	2732 bp
<b>RefSeq ORF:</b>	2205 bp
<b>Locus ID:</b>	14723
<b>UniProt ID:</b>	<u><a href="#">O35930</a></u>
<b>Cytogenetics:</b>	11 43.2 cM
<b>Gene Summary:</b>	GP-Ib, a surface membrane protein of platelets, participates in the formation of platelet plugs by binding to the A1 domain of vWF, which is already bound to the subendothelium. [UniProtKB/Swiss-Prot Function]