

## Product datasheet for MR226875

### Gp1bb (NM\_001001999) Mouse Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Gp1bb (NM\_001001999) Mouse Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Gp1bb  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >MR226875 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCTCCCGCCTCATCCTAGTGCTTCTCTTTCAGGGCCCCGTGGGGCGCTGAGCCTGCTGCTTCTGTTGC  
 TAGCGCTGCTCAGCCGCCAGCCTCTGGCTGCCCGCGCCATGCAGCTGCGCAGGGACGCTCGTGGACTG  
 TGGCGCCCGGGGCTGACCTGGGCGTCGCTGCCGGTGCCTTCCCTCCCGACACCACCGAATTGGTGCTG  
 ACCGGCAACAACCTGACGGCGCTGCCGCCGGGCTTCTGGACGCGTTGCCTGCTCTGCGCGCAGCACACC  
 TGGGCGCAACCCCTGGCGCTGCGACTGCCGCTATTGCCGCTGCGCGCTGGCCGGCCCGCCGGA  
 GCGCGCGCCCTACCGCGACCTGCGCTGTGTGCGCCCCAGCGCTGCGCGGCCGCTTGCTGCCCTACGTT  
 GCGGAGGATGAGCTGCGGGCGCGTGCACCCGGTCTACTCTGCTGGGAGCACTGGTGGCCAGCTAG  
 CACTGCTGGTCTCGGGCTGCTACACGCGCTGCTATTGGCACTTCTACTAGTTCGCTGCGGAGGCTGCG  
 CGCGCTGCGCGCACGCTCCATCCAAGATTCTCTCTCACAGCCCCGCTGGTGGCCGAGTCGGCCAGA  
 GGTGGTGCATCC

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR226875 protein sequence  
 Red=Cloning site Green=Tags(s)

MLPPHPSASLSGPRGALSLLLLLLALLSRPASGCPAPCSCAGTLVDCGRRGLTWSLPAAFPPDTELVL  
 TGNNLTALPPGLLDALPALRAAHLGANPWRCDCRLLPLRAWLAGRPERAPYRDLRCVAPPALRGRLLPYV  
 AEDELRAACAPGLLCWGALVAQLALLVLGLLHALLLALLLGRLLRRLRARARARSIQEFSLTAPLVAESAR  
 GGAS

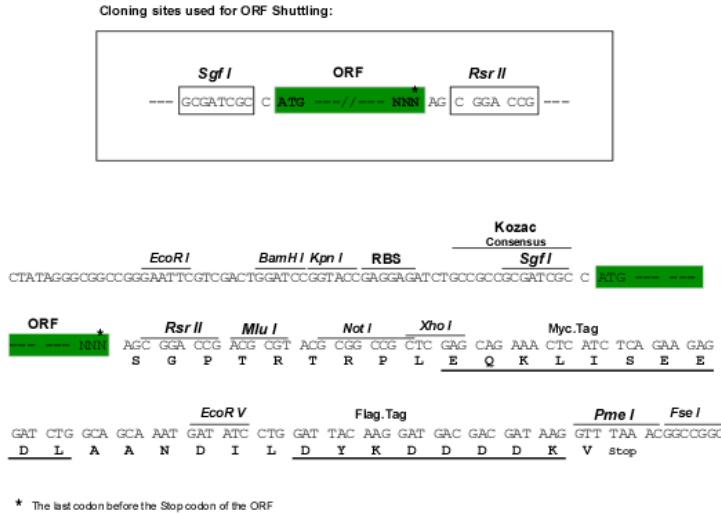
**SGP**TRTRPLEQKLISEEDLAANDILDYKDDDDKV



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**Restriction Sites:** SgfI-RsrII

**Cloning Scheme:**



**ACCN:** NM\_001001999

**ORF Size:** 645 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:**

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:** [NM\\_001001999.1](#), [NP\\_001001999.1](#)

**RefSeq Size:** 2085 bp

**RefSeq ORF:** 645 bp

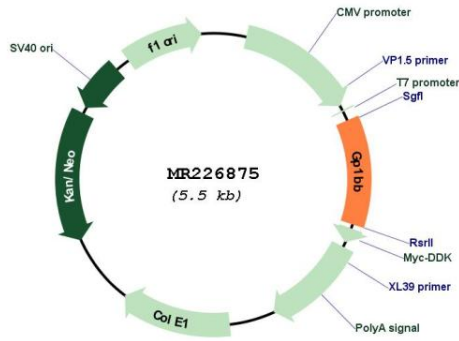
**Locus ID:** 14724

**Cytogenetics:** 16 11.53 cM

**MW:** 22.5 kDa

**Gene Summary:** 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]

**Product images:**



Circular map for MR226875