

Product datasheet for **MR217969**

Gp1ba (NM_010326) Mouse Tagged ORF Clone

Product data:

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



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ORF Nucleotide
Sequence:

>MR217969 representing NM_010326
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCTCCTCATCTTGCTCTTCTGCTGCCAAGTCCCTTGCAATCCCAGCACACTTGTAGTATCTCCA
 AAGTGACCAGCCTGCTGGAAGTAACTGTGAGAACAAGAAGCTGACAGCACTGCCTGCAGACCTGCCAGC
 AGACACAGGCATCCTCCACCTGGGCGAGAACAACCTGGGTACCTTCTCCACAGCATCACTGGTGCATTTT
 ACTCACCTCACTTATCTGTACCTGGATAGATGTGAGCTGACGAGCCTGCAGACCAATGGTAACTGATAA
 AGCTGGAAAACCTGGACTTATCCATAATAACCTGAAAAGCCTGCCCTCCCTAGGATGGGCATTGCCTGC
 ACTCACTACTCTAGACGTCTCCTTCAACAAGTTGGGCTCACTGTCTCCTGGTGTCTGGATGGCCTAAGC
 CAACTCCAAGAGCTCTACTTGCAGAACAATGATCTTAAGAGTCTGCCCCCGGGCTCTTGTGGCAAACGA
 CCAAGCTGAAGAACTCAATCTGGCCAACAACAATTGCGTGAGCTGCCCTCTGGGCTCTAGATGGGCT
 GGAGGATCTTGATACCCTCTACCTTCAAAGGAAGTGGCTTCGCACAATACCAAAGGGCTCTTTGGGACC
 CTCTCTTGCCTTTTGTCTTCTCCACGCCAACAGCTGGTACTGTGATTGTGAAATCCTCTACTTCCGTC
 ACTGGCTCCAGGAAAATGCCAACATGTCTACTTATGGAAGCAGGGTGTGGATGTCAAGGACACAACCTCC
 TAACGTGGCCAGTGTACGATGTGCCAATTGGACAATGCGCCTGTCTACTCCTACCCAGGGAAGGGCTGC
 CCTACTAGTAGTGGTGACACAGACTATGATGACTATGATGATATCCCTGACGTCCCTGCCACAAGAACTG
 AGGTCAAGTTCTCTACTAACACTAAAGTTCATACTACCCACTGGAGCCTACTCGCCGAGCACCTTCTAC
 TTCTCAAGACAGCCAAATGATTTCTTGGCTCCAACTCATAAACCCTAAGAAACAATCTACATTATC
 CACACACAGAGCCAGGTTTACCACACTCCCAGAGACCATGGAATCTAACCCAACCTTCTACAGTCTAA
 AACTCAATACTGTACTCATCCCCTCCCCAACCCCTAGAGCCACCTCCACCCAGGCTACCCAGAGCC
 CAACATCCAACCAATGCTTACCACCTCCACCCTGACTACCCAGAGCACAGCACCCACCCAGTGGCCACT
 ACTACCATCCTGACAACCCAGAGCACAGCACCATCCCAGTGGCCACTACTGCCATCCTGACTACCCCAA
 AGCCCAGCACCATCCCAGTGGCCACTACTGCCACCCTGACTACCCTAGAGCCCAGCACCACCCAGTGGC
 CACTACTGCCACCTTAACACCCAGAGCCAGCACCACCCTGGTACCCACTACTGCCACCCTGACTACC
 CCAGAGCACAGCACCACCCAGTGGCCACTACTGCCACTCTGACTACCCAGAGCACAGCACCACCCAG
 TGCCCACTACTGCCACCCTGACTACCCAGAGCCAGCACCCTTAACCTAATCTAGTGTCCACTATCTC
 CCCAGTGTCTACTACCACCCTGACCCTCCAGAGTCTACCCCAATTGAGACAATTTAGAACATTTTTT
 ACCACAGAGCTCACTTTACTCCCTACCTTGAATCCACCACCACAATAATCCCAGAGCAGAACAGCTTTC
 TCAATCTCCCAGAGGTAGCTCTAGTAAGCTCTGATACTTCTGAAAGCAGTCTTTTCTCAATTCTGACTT
 TTGCTGCTTCTCCCTGGGCTTCTATGTCTTGGTCTCCTCTGGCTCCTATTTGCCTCTGTGGTCCCTC
 ATCTTGTGTGCTGACCTGGACCTGGCATGTGACACCACATAGTCTGGACATGGAACAATCTGCTGCATTGG
 CCACAAGCACTCACACCACAAGCCTGGAGGTGCAGAGGGCAAGGCAAGTAACTATGCCCCGGCCTGGCT
 GCTCTTCTTCAAGGATCACTCCCTACTTTCCGGTCTAGCCTTTTCTGTGGGTAAAGCCTAATGGGCGA
 GTGGGGCTCTGGTAGCAGGACGGCGACCCTCAGCTCTGAGTCAGGGTCGTGGTCAGGACCTATTGGGCA
 CAGTGGCATTAGGTACTCAGGCCATAGTCTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR217969 representing NM_010326
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MALLILLFLLPSPLHSQHTCSISKVTSLLEVCENKKL TALPADLPADTGILHLGENQLGTFSTASLVHF
 THLTYLYLDRCEL TSLQTNGKLIKLENLDL SHNNLKSLPSL GWALPAL TTLDVSNKLGSLSPGVLDGLS
 QLQELYLQNNDLKSLPPGLLLPTTKLKLNLANNKRELPSGLLDGLELDLTYLQRNWLRTIPKGFFGT
 LLLPFVFLHANSWYCDCEILYFRHWLQENANNVYLWKQGV DVKDTTPNVASVRCANLDNAPVYSYPKGKC
 PTSSGDTDYDDYDDIPDVPATRTEVKFSTNTKVHTTHWSLLAAAPSTSQDSQMI SLPPTHKPTKKQSTFI
 HTQSPGF T TLPETMESNPTFYSLKLN TVLIPSTTLEPTSTQATPEPNIQPMLTTSTLTTPEHSTTPVPT
 TTILTTPHSTIPVPTTALITTPKPSTIPVPTTATLTTLEPSTTPVPTTATLTTPEPSTTLVPTTATLTT
 PEHSTTPVPTTATLTTPEHSTTPVPTTATLTTPEPSTTLTNLVSTISPVLT TTTLTTPESTPIETILEQFF
 TTELTLPTLESTTTI IPEQNSFLNLPEVALVSSDTS SSPFLNSDFCCFLPLGFYV LGLLWLLFASVVL
 ILLLTWVHTPHSLDMEQSAALATSTHTTSLEVQRARQVTPRAWLLFLQGLS LPTFRSSLFLWVRPNGR
 VGPLVAGRRPSALSQGRGQDLLGTVGIRYSGHSL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:

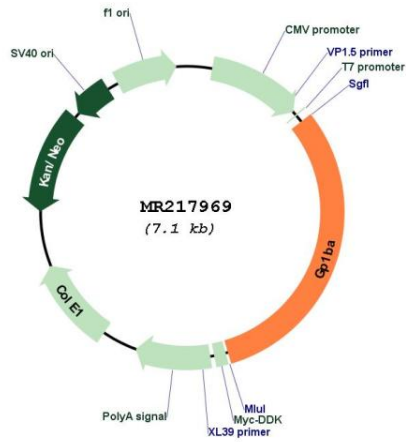


ACCN: NM_010326

ORF Size: 2202 bp

OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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:	<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:	NM_010326.3
RefSeq Size:	2732 bp
RefSeq ORF:	2205 bp
Locus ID:	14723
UniProt ID:	O35930
Cytogenetics:	11 43.2 cM
MW:	80.5 kDa
Gene Summary:	<p>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.</p> <p>[UniProtKB/Swiss-Prot Function]</p>

Product images:



Circular map for MR217969