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Product datasheet for MC209967

Gp9 (NM_018762) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gp9 (NM_018762) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gp9
Synonyms:	Cd42; GPIX
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC209967 representing NM_018762
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGACTACCTGGGGCCTCCTGTTTCTGCTCTGGCCTGCGACCACAGATACTCAGGCTTGCCCCAGGCCCT
GTACCTGCCAGTCCTTGGAAACCATGGGGTTAAAGGTGAACTGTGAGGGGCAAGGCCTCACAGCCCTGCC
CGTGATACCAGCGCACACTCGCCAGCTCCTGCTGGCCAACAATAGCCTGCGTTCAGTGCCACCAGGTGCC
TTCGACCACTTGCCTCAGCTGTGGGACCTGGATGTGACACACAACCCCTGGCACTGTGACTGCAGCCTCA
CCTACCTGCGCCTCTGGCTGGAGGACCACATGCCCGAGGCCCTAATGCATGTGTACTGTGCCAGCCCTGA
CTTGGCCACCAGGCGCCCGCTGGGCCAGCTGACAGGTTATGAGCTGGGCAGCTGTGGCTGGAAGCTGCCA
CCATCCTGGGCCTATCCAGGGGTGTGGTGGGATGTGTCACTAGTGGCTGTGGCTGTGCTGGGCCTGATTC
TGCTGGCTGGTCTATTGAACACATTTACAGAGTCCAGGAACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-MluI
ACCN:	NM_018762
Insert Size:	534 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:	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_018762.1, NP_061232.1
RefSeq Size:	811 bp
RefSeq ORF:	534 bp
Locus ID:	54368
UniProt ID:	O88186
Cytogenetics:	6 39.13 cM
Gene Summary:	The GPIb-V-IX complex functions as the vWF receptor and mediates vWF-dependent platelet adhesion to blood vessels. The adhesion of platelets to injured vascular surfaces in the arterial circulation is a critical initiating event in hemostasis. GP-IX may provide for membrane insertion and orientation of GP-Ib (By similarity).[UniProtKB/Swiss-Prot Function]

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