

Product datasheet for MC213175

Gp6 (NM_001163014) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Gp6 (NM_001163014) Mouse Untagged Clone
Tag: Tag Free
Symbol: Gp6
Synonyms: 9830166G18Rik; Gm469; Gpvi
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC213175 representing NM_001163014
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTCTCCAGCCTCACCCACTTTCTTCTGTATTGGCTGTGTGTACTGCAAGTGATCCAACACAGAGTG
 GCCCACTCCCAAGCCTTCCCTCCAGGCTCAGCCAGTCCCTGGTACCCCTGGGTGAGTATTCT
 GAGGTGCCAGGGACCTCCAGATGTGGATTATATCGCCTGGAGAACTGAAACCGGAGAAGTATGAAGT
 CAAGACTTTCTTTCATTCCAACCATGGAAGAAGTAATGCTGGACGGTATCGATGCTTATCAGAATG
 GGAGTCACTGGTCTCTCCAAGTGACCAGCTTGAGCTAATTGCTACAGGTGTGTATGCTAAACCCCTCACT
 CTCAGCTCATCCCAGCTCAGCAGTCCCTCAAGGCAGGGATGTGACTCTGAAGTGCCAGAGCCCATACAGT
 TTTGATGAATTCGTTCTATACAAAGAAGGGGATACTGGTCTTATAAGAGACCTGAGAAATGGTACCGGG
 CCAATTTCCCATCATCACAGTGACTGCTGCTCACAGTGGGACGTACCGGTGTTACAGCTTCTCCAGCTC
 ATCTCCATACCTGTGGTCAGCCCCGAGTGACCCCTCTAGTGCTTGTGGTTACTGGACTCTCTGCCACTCCC
 AGCCAGGTACCCACGGAAGAATCATTTCCTGTGACAGAATCCTCCAGGAGACCTTCCATCTACCCACAA
 AAAAAATCTACAAGTAAAGCCTATGAATATCACTGCCTCCAGAGGGGCTGAGCCCTCCATTTGG
 TTTTGCTCATCAGCACTATGCCAAGGGGAATCTGGTCCGGATATGCCTTGGTGCCACGATTATAATAATT
 TTGTTGGGGCTTCTAGCAGAGGATTGGCACAGTCGGAAGAAATGCCTGCAACACAGGATGAGAGCTTTGC
 AAAGGCCACTACCACCCTCCACTGGCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001163014
Insert Size: 942 bp



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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).
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_001163014.1</u> , <u>NP_001156486.1</u>
RefSeq Size:	1152 bp
RefSeq ORF:	942 bp
Locus ID:	243816
UniProt ID:	<u>P0C191</u>
Cytogenetics:	7 A1
Gene Summary:	Collagen receptor involved in collagen-induced platelet adhesion and activation (PubMed:16139873, PubMed:24368846). Plays a key role in platelet procoagulant activity and subsequent thrombin and fibrin formation. This procoagulant function may contribute to arterial and venous thrombus formation. The signaling pathway involves the FcR gamma-chain, the Src kinases (likely FYN or LYN) and SYK, the adapter protein LAT and leads to the activation of PLCG2.[UniProtKB/Swiss-Prot Function]