

Product datasheet for **RN207933**

Gp5 (NM_012795) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gp5 (NM_012795) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gp5
Synonyms:	PLGPV
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN207933 representing NM_012795
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCTAAGGAGCGTCCTACTGTCCGCGGTGCTCTCACTAGTAGGGGCCCAACCCTTCCCCTGCCCAAAA
 CCTGCAAGTGTGTGGTCCGCGATGCCGTGCAATGCTCCGGCGGCAGCGTGGCTCACATCGCTGAGCTAGG
 TCTGCCACGAACCTCACACATCCTGCTCTTCAAGATGGACCGGGAGTATTGCAGAGCCACAGCTTC
 AGCGGCATGACGGTCCTCAGCGCTGATGCTCTCAGATAGCCACATTTCTGCCATCGACCCCGGCACCT
 TCAATGACCTGGTAAAACAAAAACCTCAGGTTGACGCGCAACAAAATCTCTCATCTTCCACGTGCGAT
 CCTGGATAAGATGGTGTCTTTGGAACAGCTGTTCTTGGACCACAATGCACTAAGGGACCTTGACCAAAA
 CTGTTTCAGAACTGCTAACCTGCGGGATCTGTTTGAACCAGAATCAGCTCTCTTTCTTCTGCTA
 ACCTTTTCTCGAGCTGGGAAAGCTGAAGGTGTTGGATTATCGCGAAACACCTGACCCACCTGCCCA
 GGGATTACTTGGGGCGCAAATTAAGCTTGAGAACTGCTGCTCTATTCAAACCGGCTCATGTCTCTGGAT
 TCGGGGCTGCTGGCAACCTGGGCGCCCTGACTGAGCTGCGGCTGGAGCGGAATCACCTTCGCTCCATCG
 CACCGGCTGCCTTCGACAGCCTCGGAAACCTGAGCACCTTGACTCTGTCCGAAACCTCCTGGAGTCTCT
 GCCGCCGCGCTTCTTTCATGTGAGCTGGCTGACTCGGCTGACCCTGTTTCGAGAACCTCTGGAGGAG
 CTCCCGGAGGTGCTGTTCCGGGAGATGGCCGGCTGCGGGAGCTGTGGCTGAACGGCACCCACCTGCGCA
 CGCTGCCCGCCGCGCTTCCGCAACCTGAGCGGCCTGCAGACGCTGGGGCTGACACGGAACCCGCTCT
 GAGCGCGCTCCCGCCGGGCATGTTCCACGGCTGACGGAGCTGCGCGTGTGGCCGTGCACACCAATGCC
 GTGGAGGAGCTGCCGGAGGACGCGCTGCGCGGCTCGGGCGCTGCGCCAGGTGTCGCTGCGCCACAACC
 GGTTGCGGGCCCTGCCCGCACGCTCTCCGTAACCTCAGCAGCTCGTGACGGTGCAGCTTGAGCATAA
 CCAGCTGAAGACCTGCCAGGAGAGCTGTTCCGCGCTCTGCCCAACTGACCCGGGTCTGCTCGGTCAAC
 AACCCCTGGCTCTGCGACTGTGGCTGTGGCCCTTCTCCAGTGGCTGCGGCATCACCTGGAGTCTTAG
 GCCGAGATGAGCTCCGAGTGAATGGCCAGAGTACGCGCCAGCCTGACGTTCTGGGAGCTGCTGCA
 GGGTGACCAGTGGTGCCCAAGTTCTCGCGGTCTGCCTCCCGACCTCCAACCGAAAATGCTCTGAAAGCC
 CCGGATCCGACCCAGCGGCCAATAGCTCGCAGTCTGGGCGTGGGTCCAGCTGGTGGCCAGGGGTGAAA
 GTCCCGATAACCGCTTCTACTGGAATCTTATATTCTACTTCTAATAGCCAGGCCACCATAGCCGGTT
 CATCGTGTGGCATGATAAAAATCGGCCAGCTGTTTCGAACATTGATCAGAGAGGAGCTTGTGTTGAG
 GCAATGGGAAAATCGTCTAACTAA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_012795

Insert Size: 1704 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).

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_012795.2](#), [NP_036927.1](#)

RefSeq Size: 2215 bp

RefSeq ORF: 1704 bp

Locus ID: 25259

UniProt ID: [O08770](#)

Cytogenetics: 11q22

Gene Summary: major surface protein cleaved during thrombin-induced platelet activation; may bind GPIIb-IX complex to form GPIIb-V-IX, a receptor for von Willebrand factor and thrombin [RGD, Feb 2006]