

Product datasheet for **RN212052**

Gp2 (NM_134418) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gp2 (NM_134418) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gp2
Synonyms:	gp80
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

Fully Sequenced ORF: >RN212052 representing NM_134418
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAAAGGATGGTGGCTTGTGACCTGCTGTGGCTGGCTGCAGCCTCCTGCCTTCTGACACTGGTATTTCC
 CATCTACAACACATCAAGGTTATGGAAACCCAGAAACACCTCCAATGTGGACTTGGACTGTGGAGCCCC
 CGGCTCATCAAGTGTGGCATCTGCTTTGACCCCTGCCAGAATCACACCGTCCTGAATGATCCCTCCAGA
 AGCACAGAGAACCGGTGTATCGGAGGAGTGTGATAGTACCTGAGGGGCTGGTACCGCTTTGTGGGTG
 ATGGGGGAGTGAAGATGCCAGAGACCTGTGTGAATGTGTACCGGTGCCACACCTATGCTCCCATGTGGCT
 GAGTGAATCACACCCCATCCTTGGAGATGGCATTGTCAACCGCACAGCCTGTGCCAACTGGAATGAAAAT
 TGTGTTTCTGGAGTTCTGAGGTCCAGGTGAAGGCCTGTTGGGAGAATCAGGAGAATATCACGTGTACA
 AGTTACAGGGCACCCCTGAATGCAGTCTGAGATACTGTACAGACCCCTCCACCGCACGAAAAAGTGTGA
 GATTGCTTGTGCTCCTGAGGAGGAATGTGATTCCAAAATAACAGCTGGACCTGTGTCTGTAGGCAAGAC
 CTAATGTTTCTGACCCTCAGAGTTGCAGCCTTCTGGACTGTGGGGCTAATGAGATCAAGGTGAAGC
 TGGACAAGTGTGCTGGGAGGTCTGGGTTCAAGGAGGACATCATCACCTACCTGAATGACCGGAAGT
 CAGAGGTACCATGAAAGATGAGCCCAACAACCTGGGTGTCCACGACCAGCCCTGTTGTGGCTAATGACTGT
 GGGAAACATCCTGGAGAACAATGGGACCCATGCCATCTATAGAAACACCCTCTCCTTGGCCACTGATTTCA
 TTATCAGGGACTTCCTTGTCAACGTCAACTCCAGTGTGCCTACCCTCTGGACATGAATGTCAGTCTCCA
 AACTGCACTCCAGCCCATCGTAAGTCCCTGAATGTTGATGTGGTGGAGCAGGAGAGTTCACTGTTACG
 ATGGCACTCTTCCAAGACCAAAGCTACACACACCCCTTATGAAGGAAGCAAAGTGTGCTTCCAGTGGAGA
 ATATACTCTACGTGGGCGTCTCTTGAATAGGGGTGATACCTCCAGGTTCAAAGTGTGCTGACCAACTG
 CTATGCCACCCCTTCAGGAGACAGGAATGACATTGTGAAGTACTTCATCATCAGGAACAGATGCCCAAAC
 CAACGTGATTCCACCATCAATGTGGAGGAGAATGGGGTGTCTCGAAAGCCGATTTTTCAGTGCAGATGT
 TCATGTTTGTGGAAATTATGACCTAGTTTTCTGCATTGTGAGGTTTACCTGTGTGACTCCACTACTGA
 ACAGTGTCAACCATCTTGTCTACAAGTCGACTTCGCAGTGTGAACAGCCATCGACTTAACTCGGGTT
 CTGGATATAGGACCCATCACTAAGAAAAGTGTTCAGAACTCTGATACCTCCAACGGGACTCCCCGAAGTA
 CAGGGTCTCTGTGGCTGGCCACGTTCTTCTGCCTGTCTTCTGGCCTGGCTGTTCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_134418

Insert Size: 1602 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_134418.3](#), [NP_599245.2](#)

RefSeq Size: 1919 bp

RefSeq ORF: 1602 bp

Locus ID: 171459

Cytogenetics: 1q35

Gene Summary: GPI-linked protein that is a major component of pancreatic zymogen granule membranes [RGD, Feb 2006]