

Product datasheet for **RN206791**

Gp1ba (NM_001109654) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gp1ba (NM_001109654) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Gp1ba
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN206791 representing NM_001109654
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCTCTCCTCATCTTGCTGTTCTGCTGCCAAGTCCCTTACACTCCCAGCCCCTTGTGATGTCTCCA
 AAGTGACCAGCCTGCTGGAAGTAACTGTGAGGACAAGAAGCTGAAAAAATTGCCTACAGACCTGCCAGC
 CGACACAGGCATCCTCCACCTGAGCAAGAACCACTGGGCACCTTCTCCACATCATACTGGTGCATTTT
 ACTCACCTTACTCACCTGTACCTGAGTAGATGTGAGCTGACCAGCCTGCAGGCCATGAGAACTGTTAA
 AGCTGGAACCCCTGGACTTATCCACAATCACCTGCAAAGTCTGCCCTCCCTAGGACGGGCACTGCCTGC
 ACTCACTACTCTAGAGTCTCCTTCAACAAGCTGGGTTCACTGTCTCCTGGTGCCTGGAAGGCCTGGGC
 CAACTCGAGGAAGTCTACTTGCAGAACAATGATCTTAAGAGTCTGCCCTGGGCTTTAATGCCACAA
 CTAAGCTGTTGAACTCAGTCTGGCCAACAACAACCTTCGTGAGCTGCCCTGGGCTCCTAGATGGACT
 AGAGGATCTTGACACCTCTACCTTCAAGGGAAGTGGCTCAGCACAATACCAAAGGGCTTCTTTGGGTCC
 CTCTCTTGCCTTTTGTCTTCTCCATGCCAACACCTGGTACTGTGATTGTGAAATCCTCTACTTCCGTA
 ACTGGCTCCAAGAAAACCCCAACCGTGTCTACTTATGGAAGGAGGGTGTAGATGTCAAGGCCATGACTGC
 TAACGTGGCCAGTGTACGATGTGCCAATTTGGCAATGCGCCTGTCTACTCCTACCCAGGGAAGGGCTGC
 CCTACCAATGAGGGTGACATAGACTATGATGACTATGCTGATACCCCTACCACAAGGACTGAGGTGAAGT
 TCTCTACTAACACTAAAGCTCATACTACCTACTGGGGCTATTCTACTCAGAGTCTTCCACTTCTCCAGA
 CAGCCAAATGACTTCTTTGCCTCCCATCCAGAACCCACTAAGAAACAACCTACATTTGCCACACAGAG
 ATCCCAGGTTTACCACACTCCCAGATACCATGGAATCCAACACAGCCTTCTACAGTCTAAACAATACTG
 TACCCACCACCCAGAGCCACCTCCACCCAGGCTACCCAGAGCCAGCAGCACCCCAATGCTTAC
 CACTCCTGTGCCTACCCAGAGCCAGCAGCATCCCAATGCTTACCGTTCCCTGTGTCTACCCAGAGGCC
 AGCAGCACCCCAATGCTTACCACTCCCCTGTCTACCCAGAGCCAGCAGCATCCCAATGCCTACCATTC
 CCGTGCCTACCCAGAGCCAGCAGCATCCCAATGCCTACCATTCCTGCCTACCCAGAGCCAGCAG
 CACCCCAATGCCTACCATTCCTGTGCCTACCCAGAGCCAGCAGCACCCCAATGTTTACCACACTGTG
 CCTACCCAGAGCCAGCAGTACCCCAATGCTTACCACTCCCACCTGACTACCCAGAGTCCAGCAGCA
 CCCCAGTATTCTAGTGTCTACTATCCCCCAGTGTCTACTACCACCTGGCCCCCAGAGTCTATCCC
 AAAGACCGTTTTAGAACAATTTTATACCCTAGAGCCACTTTACCCCGTACCTTAGAATCCACAATAATA
 ATCCCAGAGCAGAATAGTCTAAATTCCAAGCGGTGCCTCAAGCAAGTTCTGATACTCCTAAAAGCAATC
 CTTTTCTCAACTCTGACTTCTGTGCTCCTCCCCTGGGCTTCTATGTTCTGGGTCTCCTCTGGCTCTT
 ATTTGCCTCTGTGGTCTCATTGTGTTGCTGACCTGGATCTGGCATGTGACACCGACAATCTAGACATG
 GACCAATCTGCTGCACTGGCCACAAGCACACACCACAAGCCTGGAAATGCAGAGAGCAAGGCAAGTAA
 CTATGCCCTGGGCTGGCTGCTTCCCTTCAAGGATCACTCCCTACTTTCCGGTCTAGCCTTTTCTGTG
 GGTAAAGCCTAATGGGCGTGTGGGGCTCTGGTAGCAGGACGGAGACCCTCAGCTCTGAGTCAGGGTCAT
 GGTCAGGACCTATTGGGCAGAGTGGGTATTAGGTACTCAGGCCACAGTCTG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001109654

Insert Size: 2154 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:	<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_001109654.1, NP_001103124.1</u>
RefSeq Size:	2677 bp
RefSeq ORF:	2154 bp
Locus ID:	691992
Cytogenetics:	10q24