

## Product datasheet for **MC200605**

### **Gpaa1 (NM\_010331) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gpaa1 (NM_010331) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gpaa1
Synonyms:	C80044; mGAA1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC006697 sequence for NM\_010331  
 CAAGTGC CGC GAGAGCAGACGCCCGCGCCCGCCATGGGTCTCCTGTCCGACCCGGTGC GCCGGCGCGC  
 GCTCGCCCGCATCGTCTTGCGCCTTAACACACCTCTCTGTGTGCTGAGCTACGTGGCCGGGATCGCCTGG  
 TTTCTGGCGCTGGCTTTTCCGCCGTTAACCCAGCGCACTTACATGTCTGAGAATGCCATGGGCTCCACCA  
 TGGTGGAGGAACAGTTTGTAGGTGGAGACCGCGCTCGGAGCTTTGCCCGGACTTCGCTGCCACCCGAA  
 GAAGCCGGGGCTCTGCCAGTAGCCTGGCTGGAACGGTCCATCGATCCGTAGGGCTGGAGGTCTACACC  
 CAGAGCTTCTCCGCAAACCTACCCTTCCCGGATGAGACCCACGAGCGCTATATGGTGTGAGTACCAACG  
 TGTATGGCATCCTGCGGGCCCCACGTTCTGCCAGTACCGAGTCCCTGGTGTACTGTACCCTGTGGTCC  
 AGATGCCACCAATAGCCAGGCTGTGGGGTGTGGTGGCACTTGTGCCATTTCCGAGGGCAGATTTAC  
 TGGGCCAAAGATATCATTCTTCTGGTAACAGACCATGATCTTCTGGGCACCGAGGCTTGGCTCGAAGCCT  
 ACCATGACATTAATGTTACAGGCATACAGTCATCTCCCCTGCAGGGCAGGGCTGGAGCCATCCAGGCTGC  
 TGTAGCTCTGGAGCTGAGCAGCGACGTGGTCACCAGCCTCGATGTGACAGTGGAGGGACTCAACGGTCAG  
 CTGCCAACCTTGATCTGCTCAACCTCTCCAGACCTTCTGCCAGAAAGGGGGCTGTTGTGTAACCTCC  
 AGGGCAAGCTGCAGCCCCAGGACTGGACGTCACTCGAAGGGCCGTTGCAGGGTTTGCAGACTGCTACT  
 CATGGTGTGCGCAGGCTCTGGCCGGCCCCACGGCCCCACGGCTTTTTCTGCGCTACGGAGTGGAG  
 GCACTAACCTACGCGGCATCAATAGCTTCCGCCAATACAAGTATGATTTGGCGACAGTGGGCAAGGCTC  
 TGGAGGGCATGTTCCGCAAGCTCAACCACCTCCTGGAGCCCTGCACCAGTCATTCTTCTTACCTGCT  
 GCCGGCCCTCTCCCGCTTGTCTCCATCGGACTTACATGCCCGCCACGGGCTTCTGCTCCTAGTCCTT  
 GGACTCAAGGCTCTGGAGCTGTGGATGCAGTTACACCAGGCTGGAGTCAACCCGGAGGAGGCTGGGAAGG  
 CCCCTAGTCCCGGACTCCACTCTTGCCAAACACAGGGTGTGGGCTGGCCTCACTTACGGCACCCCTGCT  
 GATCTCTCAGGCCATGGGTCTGGCCCTATTTCTGCTGTGCTGGGCAACATTTAGCTACTCAGCAT  
 TTCCAGTGGCCGAAAGCCGAGGCTGTTGTGTTGACGCTGCTCGGATTTATGTAGCCGGCTGGCCCTTC  
 CACACAACCCACCCAGTGGTCAACTCACAGGTCAGAGACAGGGGCTGGATGGCACTGAAACTAGTGGC  
 CCTCATCTACCTGGCACTGCAGCTGGGTTGCATTGCTCTCCTCAATTTCTCCCTGGGCTTCTGCTGGCT  
 GCCACCATGGTCCCTGCTGCTGCACTCGCCAAGCCCCATGGGCCCGGACTGTATGCTGCCCTGCTGG  
 TAGTGACCAGCCAGCAGTCACTCTTCGGTAGCCTGTTCTGTGGCGGAGCTGCTGGAGGTACCCT  
 GTCTCTGGCAGAGGGTTGGCAGCTTCTCACAGCATTGGCCCAGGGTGTGCTGGAACACTACACCTAT  
 GGCGCCCTCCTTCCCAATACTGGCCTGGGTCTGTATCCTTGTGGCTGCTTTTCTGGAATGCTCTCT  
 TCTGGAAGTGAGGTGCTGGGAAGGGTCCCCTAAGCCTCCGTTCTACCTCCTCCTGGAAATAAACAA  
 GTGCTGTGTTCTGTA AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_010331

**Insert Size:** 1866 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: [BC006697](#), [AAH06697](#)  
RefSeq Size: 2008 bp  
RefSeq ORF: 1866 bp  
Locus ID: 14731  
UniProt ID: [Q9WTK3](#)  
Cytogenetics: 15 D3  
Gene Summary: Essential for GPI-anchoring of precursor proteins but not for GPI synthesis. Acts before or during formation of the carbonyl intermediate.[UniProtKB/Swiss-Prot Function]