

## Product datasheet for **MR209284**

### **Gm711 (BC050806) Mouse Tagged ORF Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Gm711 (BC050806) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gm711
Synonyms:	RP23-414L19.8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>MR209284 representing BC050806  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGAGATCTCCTCTGTTCCTCTGCCTTGGTGATGGATTATTACTCCCAAGGAACATTCCAGAATATCA  
 TGGAGAATAAGAGGAAGTTAAAAGCAGTTGTTGACACTGAGTGGATGCATACCATGCTAAGCCAGGTATT  
 GGATGCCATCGAGTACCTACATAAGTTGAACATCGTTCACAGGAACCTCAAGCCTTCCAACATCGTCCTT  
 GTTAACAGTGGCTACTGTAACTGCAGGATATGAGCTCCCAGGCACTGATGACCCACGAAGCTAAGTGGAA  
 ATGTCCGAGCAGAAGAAGACCCCTGCCAGAAGTCTGGATGGCTCCTGAAGCTCTCAAATTCCTTCTC  
 CACCAAATCCGACATCTGGTCTCTGGGCTGCATCATTCTAGACATGGCCACTTGCCTTCTCTGAACGAC  
 ACAGAAGCCATGCAACTGCGGAAGGCCATCCGCCATATCCAGGCAGCCTGAAGCCCATCTGAAAACCA  
 TGGAGGAGAAGCAAATCCCTGGTACAGATGTCTACTATTTGCTTCTGCCCTTCATGTTGCATATCAACCC  
 CTCGGATCGACTGGCAATCAAGGATGTGATGCAAGTCACTTCATGAGCAACTCCTTCAAAGCTCTCT  
 GTTGCGCTGAATATGCAGCGGCAGAAGTCCCCATCTTCACTACTGACGTGCTGCTTGAAGGCAACATGG  
 CCAACATCTTAGATGTCATGCAGAAATTTCTCCAGTCGACCAGAGGTCCAGCTCAGAGCCATTAACAAGTT  
 GTTGACAATGCCAGAGGACCAGCTAGGGCTGCCATGGCCACAGAGCTGCTGGAAGAGGTGATCAGCATC  
 AATAAGCAGCATGGGCGGATCCTGGATATTCTGCTCAGCACCTGCCTTCTGCTGCGTGTCTTGGCC  
 AAGCACTGGCAAAGGACCAGAAGCTGAGATCCAAGGAGCAGTTTGATCATCTCCTTCTGATGGATAC  
 CTTGCGGAGCCATCCTAACTCTGAAAGGCTTGTAAATGTGGTCTACAACGTGCTTGCATTATTTCCAGC  
 CAAGGACAGATCTCAGAAGAGCTGGAAGAGGAGGGTGTTCAGCTTGCCCAAGAGAACCCTGGAGCAT  
 TCCAAGAGGACAGGGACATCTGCCTCTATCCTGAGCCTGCTTGGTCCCTCCTGGTAGATGTTGTCAC  
 TGTGGACAAAGAGCCCTTGGAGCAGCTCTCTGGCATGGTACCTGGGTGCTGGTACTCATCCGGAGGAC  
 GTGGAATAGCAGAGGCTGGCTGTGCGGTGCTCTGGCTGCTGCTTGTGGGCTGCATAAAGGAGAGTC  
 AGTTTGAGCAGGTGGTAGTGCTGCTCCTGAGAAGCATCCAGCTGTGCCCTGGCAGAGTACTGCTGGTGAA  
 CAATGCATTCCGTGGCTTGGCCAGCCTCGCAAAGGTGTCCGAACCTGGTGGCCTTCCGAATAGTAGTACTG  
 GAAGAGGGCAGCAGCGGCTCCACCTCATCCAAGATATCTACAAGCTCTACAAGGATGACCTGAGGTGG  
 TGGAGAACCTCTGCATGCTGTTGGCCATCTGACCTCTACAAGGAGATCCTGCCAGAGATGGAGTCTGG  
 AGGCATCAAAGACCTAGTCCAGGTGATCCGGGGCGCTTACCTCCAGCCTGGAGCTGATTTCTTACGCT  
 GATGAGATACTCCAGTACTGGAAGCAAATGCACAACCTGGCCTCCAGGAGGATCAGCTTGAGCCTCCTG  
 CAGGGCAGGAAGCCCACTGCAGGGAGAGCCCTCTTACGGCC

**ACGCGT**ACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>MR209284 representing BC050806  
 Red=Cloning site Green=Tags(s)

MRSPLCSSALVMDYYSQGTFFQNIEMENKRKLKAVVDTEWMHTMLSQVLD AIEYLHKLNIIVHRNLKPSNIVL  
 VNSGYCKLQDMSSQALMTHEAKWNVRAEEDPCQKSWMAPEALKFSFSTKSDIWSLGCIIIDMATCSFLND  
 TEAMQLRKAIRHHPGSLKPI LKTMEEKQIPGTDVYLLLPFMLHINPSDRLAIKDVMQVTFMSNSFKSSS  
 VALNMQRQKVP I F I T D V L L E G N M A N I L D V M Q N F S S R P E V Q L R A I N K L L T M P E D Q L G L P W P T E L L E E V I S I  
 I K Q H G R I L D I L L S T C S L L L R V L G Q A L A K D P E A E I P R S S L I I S F L M D T L R S H P N S E R L V N V V Y N V L A I I S S  
 Q G Q I S E E L E E E G L F Q L A Q E N L E H F Q E D R D I C L S I L S L L W S L L V D V V T V D K E P L E Q L S G M V T W V L A T H P E D  
 V E I A E A G C A V L W L L S L L G C I K E S Q F E Q V V L L L R S I Q L C P G R V L L V N N A F R G L A S L A K V S E L V A F R I V V L  
 E E G S S G L H I Q D I Y K L Y K D D P E V V E N L C M L L A H L T S Y K E I L P E M E S G G I K D L V Q V I R G R F T S S L E I L I S Y A  
 D E I L Q V L E A N A Q P L Q E D Q L E P P A G Q E A P L Q G E P L F R P

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**


**ACCN:** BC050806

**ORF Size:** 1794 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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:** [BC050806](#)

**RefSeq Size:** 2199 bp

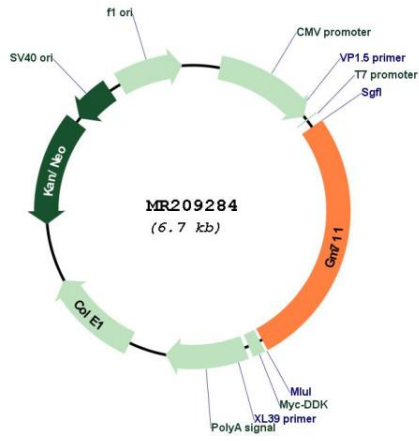
**RefSeq ORF:** 1796 bp

**Locus ID:** 279029

**Cytogenetics:** 2 A3

MW: 80.6 kDa

Product images:



Circular map for MR209284