

Product datasheet for **MG209284**

Gm711 (BC050806) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gm711 (BC050806) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Gm711
Synonyms:	RP23-414L19.8
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>MG209284 representing BC050806
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAGATCTCCTCTGTTCCTCTGCCTTGGTGATGGATTATTACTCCCAAGGAACATCCAGAATATCA
 TGGAGAATAAGAGGAAGTTAAAAGCAGTTGTTGACACTGAGTGGATGCATACCATGCTAAGCCAGGTATT
 GGATGCCATCGAGTACCTACATAAGTTGAACATCGTTCACAGGAACCTCAAGCCTTCCAACATCGTCCTT
 GTTAACAGTGGCTACTGTAAGTGCAGGATATGAGCTCCCAGGCACTGATGACCCACGAAGCTAAGTGGAA
 ATGTCCGAGCAGAAGAAGACCCCTGCCAGAAGTCTGGATGGCTCCTGAAGCTCTCAAATTCCTTCTC
 CACCAAATCCGACATCTGGTCTCTGGGCTGCATCATTCTAGACATGGCCACTTGCCTTCTCTGAACGAC
 ACAGAAGCCATGCAACTGCGGAAGGCCATCCGCCATATCCAGGCAGCCTGAAGCCCATCTGAAAACCA
 TGGAGGAGAAGCAAATCCCTGGTACAGATGTCTACTATTTGCTTCTGCCCTTCATGTTGCATATCAACCC
 CTCGGATCGACTGGCAATCAAGGATGTGATGCAAGTCACTTCATGAGCAACTCCTTCAAAGCTCTCT
 GTTGCGCTGAATATGCAGCGGCAGAAGTCCCCATCTTCACTACTGACGTGCTGCTTGAAGCAACATGG
 CCAACATCTTAGATGTCATGCAGAAATTTCTCCAGTCGACCAGAGGTCCAGCTCAGAGCCATTAACAAGTT
 GTTGACAATGCCAGAGGACCAGCTAGGGCTGCCATGGCCACAGAGCTGCTGGAAGAGGTGATCAGCATC
 AATAAGCAGCATGGGCGGATCCTGGATATTCTGCTCAGCACCTGCCTCTTCTGCTGCGTGTCTTGGCC
 AAGCACTGGCAAAGGACCCAGAAGCTGAGATCCAAGGAGCAGTTTGATCATCTCCTTCTGATGGATAC
 CTTGCGGAGCCATCCTAACTCTGAAAGGCTTGTAAATGTGGTCTACAACGTGCTTGCATTATTTCCAGC
 CAAGGACAGATCTCAGAAGAGCTGGAAGAGGAGGGTGTTCAGCTTGCCCAAGAGAACCTGGAGCACT
 TCCAAGAGGACAGGGACATCTGCCTCTATCCTGAGCCTGCTCTGGTCCCTCTGGTAGATGTTGTAC
 TGTGGACAAAGAGCCCTTGGAGCAGCTCTCTGGCATGGTACCTGGGTGCTGGCTACTCATCCGGAGGAC
 GTGGAATAGCAGAGGCTGGCTGTGCGGTGCTCTGGCTGCTGCTTGTGGGCTGCATAAAGGAGAGTC
 AGTTTGAGCAGGTGGTAGTGCTGCTCCTGAGAAGCATCCAGCTGTGCCCTGGCAGAGTACTGCTGGTGAA
 CAATGCATTCCGTGGCTTGGCCAGCCTCGCAAAGGTGTCCGAAGTGGTGGCCTTCCGAATAGTAGTACTG
 GAAGAGGGCAGCAGCGGCTCCACCTCATCCAAGATATCTACAAGCTCTACAAGGATGACCTGAGGTGG
 TGGAGAACCTCTGCATGCTGTTGGCCATCTGACCTCTACAAGGAGATCCTGCCAGAGATGGAGTCTGG
 AGGCATCAAAGACCTAGTCCAGGTGATCCGGGGCGCTTACCTCCAGCCTGGAGCTGATTTCTTACGCT
 GATGAGATACTCCAGTACTGGAAGCAAATGCACAACCTGGCCTCCAGGAGGATCAGCTTGAGCCTCCTG
 CAGGGCAGGAAGCCCACTGCAGGGAGAGCCCTCTTACAGCCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>MG209284 representing BC050806
 Red=Cloning site Green=Tags(s)

MRSPLCSSALVMDYYSQGTFFQNIEMNKRLKAVVDTEWMHTMLSQVLDAIEYLHKLNIIVHRNLKPSNIVL
 VNSGYCKLQDMSSQALMTHEAKWNVRAEEDPCQKSWMAPEALKFSFSTKSDIWSLGCIIIDMATCSFLND
 TEAMQLRKAIRHHPGSLKPIPKTMEEKQIPGTDVYLLLPFMLHINPSDRLAIKDVMQVTFMSNSFKSSS
 VALNMQRQKVPPIFITDVLLLEGNMANILDVMQNFSSRPEVQLRAINKLLTMPEDQLGLPWPTELLEVISI
 IKQHGRILDILLSTCSLLLRVLGQALAKDPEAEIPRSSLIIISFLMDTLRSHPNSERLVNVVYNVLAIISS
 QQQISEELEEGLFQLAQENLEHFQEDRDICLSILLSWLLVDVVTVDKEPLEQLSGMVTWVLATHPED
 VEIAEAGCAVLWLLSLLGCIKESQFEQVVVLLRSIQLCPGRVLLVNNAFRGLASLAKVSELVAFRIVVL
 EEGSSGLHLIQDIYKLYKDDPEVVENLCMLLAHLTSYKEILPEMESGGIKDLVQVIRGRFTSSLELISYA
 DEILQVLEANAQPLQEDQLEPPAGQEAPLQGEPLFRP

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: BC050806

ORF Size: 1796 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](#)

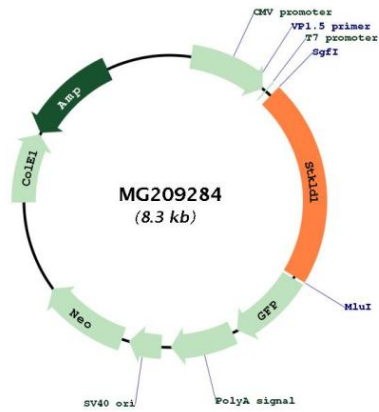
RefSeq Size: 2199 bp

RefSeq ORF: 1796 bp

Locus ID: 279029

Cytogenetics: 2 A3

Product images:



Circular map for MG209284