

Product datasheet for MC201689

Gmfb (NM_022023) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gmfb (NM_022023) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Gmfb
Synonyms:	3110001H22Rik; 3110001O16Rik; AI851627; C79176; D14ErtD630e
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC040233 sequence for NM_022023
 GTTGGCTGCCGAGCCATTCTTAAAGGGGCCCAAGAGATCGCACGGCAACGGGCCGCTGACGACCGGAAGG
 AAAATGAGTGAGCTTTGGTGGTTGTGATGTTGCTGAAGATTTAGTGGAAAAGCTGAGAAAAGTTTCGTT
 TTCGAAAAGAAACCCACAATGCTGCTATTATAATGAAGATTGACAAGGATGAACGCCTGGTGGTGCTGGA
 TGAGGAGCTCGAGGGTGTCTCTCCAGATGAACTTAAAGACGAACTACCCGAGCGGCAGCCTCGCTTCATT
 GTGTATAGTTATAAATACCAACATGATGATGGCAGAGTCTCGTACCCGCTCTGCTTTATTTTCTCCAGTC
 CTGTGGGTGTAAGCCTGAGCAGCAGATGATGTACGCTGGGAGTAAGAACAAGCTAGTCCAGACTGCCGA
 GCTAACCAAGGTATTTGAAATAAGAACTGAAGATCTAACTGAAGAATGGTTACGTGAGAAAAGTTGGA
 TTTTCCACTAATGTGAACCTCTGTGTTCTAAAGTATTTATGTATTAACCTGACCATACTGGAACCAGA
 CATAAATAGTTATTTATGCCTAAAAATGCACTGTTACTTACAGTTTGTTCCTGCAGTAAAGAAAAATTC
 TTCATTTGTGAGTTTGAACAAAGGGAAATCATCTTCATAGTAATGAGACGTTGTGAAGTTCCTGCA
 TCTGTCATTGTTAGGGGACTACTTTTCTCCAGGGATGCTTTCACCCCTTTTGACTAATTTCTATAAAT
 TATGATTCAGAATTTGTAAGTGTTCGACAGACTATAGGAAGGTGGGTATTAGACTGTGATAGACAACAG
 TTCTCTCTGACCACTCCTGGGTACTGGCAGTTTATAAGTGCAAGTAGCATTATCACCTGTCACATC
 ATTGCGGTTCAATTTGGGACTGAAGCGTAAGTGACCGATTCTGAGCCTTGAGTAGAGATGTAGTGGGACCT
 CTGTTGAACCTCTCCGCAAGTTTCTCTCTCTTGGGTTCTGTATCTTTGCAATCAAGTGTAGAATCTT
 CATCAATCACTCCTCCTAAGGTCGGAAGTTGATTTTATGGTAGAGTTAGGATTGTTAGGTTTCTTC
 TTATGGAGAATAGCATCTGAATCTTAGAACTGGGAGCTCTATAATCAAGGGCTTCGTTCTTGGTTATGT
 CACTGGCAGGGAGCTTAGACTGTAGCTTGGTAACACTGCAAAGCACCTCCTAATATGTTAAACTGTGCC
 TTTGATTGGTCAGCTTTACCATTAGCTTAAAGACTGCTACACTGCCAGTGTCTAGATTTGGTGAATTA
 TACTTTTTTAAAGGGTTCAAATAAAACAATTTTCTAATATATATAATTAATTTGTAATAAACCAACTT
 GTTACTTTTTAAATTTCCAATCTGCCCCAAAGTTATGATAGTAGGTGAGAGTTATAATTTGGGTATAT
 TTGCTATTAGTTTGTGCCATATGTAAGCATTATTTAAACATTGGCCACAATTAATAACAACACATCAAT
 AGATGTCATACCTTTTATCCTAAATGTCAGAAGAAATTTCTAATATGAACTAAGCCAGTCACAGTTTGATG
 ACACCATCATCAGGAAGCAAGATTTCTAATCTACTTGAATTTCTAAGTTTCACTTAAGAAAACAATGTA
 AGAAATGCTGAATAGTAATTTGACTTAAAGAGACAAGTTAAGAGACTGTAGAGACGACCAAAATCTTATA
 TTAAGAAGGTAGTATTTGATTGGCATTGGTGGCACATAACATTTAATCCTGGCATTGGGAGGCAGA



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GACAGGCAGATCTCTGAGTTCAAGACCAGCCTGGTCTGCAGAAGCAAGTCCAGGGTAACCAAGGCTAAA
 CAGATGAACACCCTGCTCCCCTAAAAAGAAAAAATAGCAAAACATCTTTATGTTGGCATGTGTTTCATTG
 CATAGTATTTGTCTCATTAGGGCTTTGTGCCGTTTTACTGGAGGAAGATAGCTGGAAGTGTACACAGT
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 GCTTGTCTGACTTTACCTGTAGATGGTCTGTTGTAAGGTAGCACACTGAGTTGGGGCATTAAATAGAAC
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 TAAGTTTCCCTTAGCTAAAATTTACAGTATTTTTCTTATTCTTTTTCTGCTGTTCCGTAAGAGTATGT
 CCAGATTTATAATTCCAGTTTTTTTACTCCATGTCTTTCAGCAACAACCATTCCCCTCAGCCTTAA
 TCTTAATCTTTCTTTTTGGAAGCCACTTCCCGGGAACCTTTAAGCAAGCATTGCTTTGGAAATTTT
 TGATCTTACTAAGTTGTGCATAGCATCTAATGTGAGAACCAGTACAGGAATCACAATGTATATGTCATGTG
 GTTTTGGTGACAACATGAGTGACACATGAAGAGGGGTATTCTCAGGTTACCGTGCTGCAATTCAAAAGG
 TCTGAGTTTTAAACAGTGATTTGTTCTGGTATTGACACAATATGTTAGGAAAAAGCTGGTTGACTGTT
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 ATTCTCGTCTGTGAGAGAAACATTCTCTTGTAGGAGAGGTGTTGCAGATTGTGATTATAAAATAATTTG
 TAGCAAAAATATGTGTTAGCATTTCCTCCCTTTTTGTCTCCTATTTTCAGGAGACAACTTAGCCATA
 AACTGAATCCTGGTCTGACACTCCACAATGGTTTCCAGTTAGAGGAGTTTATTGCCAAATTAACCTG
 GCTTTTTCCCACTTAGATAGAAAATAAGAAAGCTGCACATAAGAAATGTTTGGACACTTGTAAAACCTCA
 AGTGACTACATTAATCTGTATGTAAACTAGTGAGCAGACACATCCATAAGAATTGAAATGCCAATATTTG
 GGAAGTAGAGAGTAACCTATATCCTATCAGATCTATTGAGTGTTAATATGGTAGCACTCTGTATTTGTT
 TGTAGACTGATAATACTGGAATCCATAAAGTTTGGCCTTTACAACCTATGTAAGAAATGTTGCAAAACA
 TTTCTGGATGAGTCTTACTTTGTATCTCCAGAAGAATGTAGATGTCTCCTAGGCCCTCTCGTGCTGATGG
 TTCTGAGCTGAATATTTCTTGGTAGGCCATGTGACACTTCAGATCAGTATCCTACTCCTGTAATGTTAG
 GACAATTATATTACGCTTATGATAGAAACAGTTTCTTGTCTTTCCGAATATTACTTGAATACCACTT
 GAGATCATTAGCATGCCAGGAAAAGTCCATTGATTTTGTGGTCCAATGTAATCTCATTGAGGAGGCTTG
 AACATTGGTGGTTTAGTCTTGTGAATTTTAAACAGTTCTCTGTCTATTGTTAAGAAAACCAACAAGTGGC
 ACTACTTCTTAAGCTGTGGTTTCAGTCTCTGCTAGTTCATACCGCATGTTTATTTTGGAGTCTTTGGTA
 AGCATGGTGTCTGACTGGTTTAAATAAATGCTAACATGAAAAAAAAAAAAAAAAA

Restriction Sites:

RsrII-NotI

ACCN:

NM_022023

Insert Size:

429 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: [BC040233](#), [AAH40233](#)

RefSeq Size: 4115 bp

RefSeq ORF: 429 bp

Locus ID: 63985

UniProt ID: [Q9CQI3](#)

Cytogenetics: 14 24.32 cM

Gene Summary: This protein causes differentiation of brain cells, stimulation of neural regeneration, and inhibition of proliferation of tumor cells.[UniProtKB/Swiss-Prot Function]