

Product datasheet for **MC221811**

Fam83g (NM_178618) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam83g (NM_178618) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam83g
Synonyms:	2310040C09Rik; AI506990; wly
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221811 representing NM_178618
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCTTCTCCAGGTGCAGTGTCTGGACGACAACCACGTGAACTGGCGATCCAGCGAGTCAAGCCCCG
 AGTTCTTCTACAGCGAGGAGCAGAGGCTGGCCCTGGAGGCCCTGGTGGCCCGGGGTCGCGACGCCTTCTA
 CGAGGTGCTGAAGCGCGAGAACATCCGCGACTTTCTTTTCGGAGCTGGAGCTTTCGCGTATCGTGGAGGCC
 ATCGAGGTGTACGACCCGGGCTCTGAGGACCCGCGGGTCTCGGGCCGCGCCCGAACCCAGGACAACG
 GAGGCGCGGATGCCAGCGAGGAGACCAGTGCAGCGGGCGGGCCCGCCAGCCACGGAGACGCTGCCCTCGT
 GGAGTATTGGCCCCAGAAGTCGGACCGCTCCATCCCGCAGCTGGACCTGGGCTGGCTGACACCATTGCC
 TACCGAGGTGTGACCCGGGCCAGCGTCTACATGCAGCCACCCATCGACGGCAGCCGCACATCAAGGAAG
 TGGTGCACAAGATGGTCAAGCAGGCGCAGAAGGTGATAGCTGTGGTTCATGGACATGTTCACTGACGTGGA
 CATCTTCAAGGACCTGCTGGATGCTGGCTTCAAGAGGAAGGTGGTGTGTACATCATTGTGGATGAGAGT
 AATGTCAAGTATTTCTGCACATGTGTGAGCGGGCCCGCATGCACCTGGGGCACCTCAAGAAATCTCAGGG
 TACGCAGCAGCGGGGAACCGAGTTCTTACACGATCAGCCACCAAGTTCAAGGGTGTCTGGCCAGAA
 GTTCATGTTTGTGGATGGAGATCGGGCCGTGTGTGGCTCTACAGCTTACATGGTCAAGGAC
 GATCGGAATGTGATCTCTGTGCTGTCTGGTCAAGTGTAGAGATGTTTGTGACAGTTCAGGAGCTGT
 ACCTTATGTCTCAGAGTGTGACCTCAAGGACATCCCCATGGAGAAGGAGCCAGAGCCAGAGCCCATTGT
 GCTACCATCTGTGGTACCCCTGGTACCCACAGGCCACATGGCCAAGAAGCTTGTCAACCCCAAGTATGCA
 CTTGTCAAGGCCAAGAGTGTGGATGAGATTGCCAAGAGTTCCTCTGACAAACAGGAGGTTACGAGACCCC
 CTGGGCTGCGGGGCCCTGCAGTGGCTGAGCGCCCGGGGATCTTCTGAGCTGCTACCACCTGTCCACCC
 AGGGCTGCTCAACCTGGAGAGGGCCAATATGTTTGTGAGTACTTGCCACATGGGTGGAGCCAGATCCAGAG
 CCTGGCAGTGACATCCTGGGCTACATCAACATCATTGATCCCAACATCTGGAACCCCGAGCCCAACCCAGA
 TGAACCGCATCAAGATCCGTGACACAGCCATGCCAGTGCACAGCACCAGCTGTGGAAGCAGAGCCAGGG
 GGCCCGACCCGCGCCAGCACCCCTGCCCTCCCCAGCACCCAGGGACTCCCAGGGTGTGGTCCCAGCTGAG
 AATGGCTTCCCCAGGGGAACCCGAACACAGGCTCCTGTACCTAAGCCCCGGACAGTCCCTGTGGCAA
 GTGACTTGGCCGGGATGGTAGTGATATTGGCTGGGCCCTGGATACCCAGAAAAGGAGACACCCCAAAA
 TGGGATAGACCCAGGCTACCAAGCACAGCCAGCGAAAGCGAGGTCACACAACAGCAGCACTCATCTATG
 ACGCAGGATGACCCTGATGGCCTGGAGAGAGGACTCCCCAATGGGCTGGATGAGGATGAGGATGACGACG
 ATGACTACGTGACCTCAGTACCAGGACAGCCTCTCAGGCAGTTCTGGCCCTGGCCCTGGCCACCGGCG
 ACCCTCAGTGGCTTCATCCATGTACAGCAGTACTTTGAGGTGAGGGAACGATCAGTACCTCTCCAGAGG
 CGCCACTCAGAGCAGATGGCCAATGGGCCAGGCCACCCACCCCGACGACAGCTCAGTGCCTCATGTAA
 CCAGAGGAACCTTTGGTGGCCCCCTGAGTAGCCCCCTGTGGGCCAGGGTCGGAGCAGAGAAGATGTAGA
 TGCATCAAGGATACAGGGACAACGCCCATGGACAGGCAGGCTCAGGGCCAGCATTTCCACCGACATGGA
 AGTACTACCTCAAGGACCCAGGGCCTCCCCGTTCCGGCCTGCTGCTGATGGTACCCAGAGCTCTTCCA
 AGAAAGCAAGCCAGCCGAGCAGGCCCCACCCTGGCAGCCCAAGGGGAGCCCAACCCAGAATGCT
 ACCAGATCCTGGGAGCCCAAGGCCAACCAGAACTCGCCTCCGAGCAGAGCTCAGGGCCACTGAGGAA
 CATGCCAGTCCCTTCGGAATCCCATACTCCAAATTGTCTCAATCGAAGCACCTAAAGGCCAGGGCAGGTG
 GCAGCCAGTGGGCCCTTCGACTCTAAGCGCAGGGCCGAGACCACAAGGAACCC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_178618
Insert Size: 2439 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:	NM_178618.3 , NP_848733.2
RefSeq Size:	4786 bp
RefSeq ORF:	2439 bp
Locus ID:	69640
UniProt ID:	Q5SWY7
Cytogenetics:	11 B2
Gene Summary:	May regulate the bone morphogenetic proteins (BMP) pathway.[UniProtKB/Swiss-Prot Function]