

Product datasheet for **MC220300**

Fam71b (NM_001013783) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam71b (NM_001013783) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam71b
Synonyms:	Gari-l3; OTTMUSG00000005491
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220300 representing NM_001013783
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCCTGGGATGAAGAGAACCATGAGCAGTGAATGTTTGCTACCTTATTACACTGCCACAGTTACCGAT
 CCATGGGCGTGTTCAACACCTCCATGGGAAACCTACAACGACAGCTGTACAAGGGAGGAGATGATAT
 TTTCAAGTATGCACCAATGTTTGAGAGCGACTTTATCCAGATTAGCAAAAGAGGAGAGGTGATTGATGTT
 CACAACCGCGTCCGAATGGTGACTGTGTGCATCGCATCTACCAGCCCGTCTTCCACTGCCGATGTCA
 TGTTGCTGGCCGACCAGCTAAAGTCTGTGAAGAACATGCCAGACGAGCCGATTCAAGGGGAAAGG
 TTGCAAGCCTTCAAAGACTTTAGAGCTCACCAGGCTGCTTCCTTTGAAGTTGTCAAGATCTCTGTTAC
 GATCAGCAGAAACAGCAGCTGCGCCTGAAGCTTGCCACAGGCCGAACTTTTACCTACAGCTGTGTCCT
 CTTCTGACGCACGAGAAGACCTCTTTTGTATTGGGAAAAGCTTGCTATCTCCTGAGGCCACCAATGAC
 CAATTGCATCAGTAACCTCAACGCTTCCACTGGCGAGACAAGCGTTGACACCAAAAGCACACTTGTCTCA
 GAGATCCGTGGAGAAGGGGATCAGAATTCTAGGCCTCAATCATCCCCAAGTGTGTGAGAAGCCACTTCTG
 CTGCATTTGCAGGAGGAGAGAGGACACAACCGGTGCTGCAGCTGCTGTTACTCCAGTATCTGCCAAAGC
 AAGGGCGGCAGGGACGGCAGGGGACGAGCAGGGACGGCAGGGGACGAGCAGGGACGGCAGGGCCAGCA
 GCAGGGCCAGCAGCAGGGACGGCAGGGCCAGCAGCAGGGACGGCAGGGGACGAGCAGGGACGGCAGGGG
 CAGCAGCAGGGACGGCAGGGGCAACAGCAGGGACGGCAGGAGCAACAGCAGGGATGGCAGGAGCAACAGC
 AGGGACAGCAGCCGAGACAGCAGGGACAGCAGCCGAGACAGCAGGGGACGAAGGGCAGCAGGTGGCCCC
 ATGGCTGCAGCAGTAGCAGCCCCCTCAGCAGGTATGACAAAAGCGGAGACAGCTACAAGTCCGACTTCAG
 GTGTCATAAGCCTGGCAGCAACAACAACCAAGCCTCCAGGTTGAGGCCAGGTAGCCGAGCCATGATAGG
 ATCAGCTGCCAAAGATCAAGTAGGAGGTGAATCCAGCAAGGCCATGGCACTTGCTGCAAAACATCACCTTA
 GAAAATGTAGACGTGGCCTTGGCAGGAGCTGCCAATTCTATTTCCGAGTCCCCTCCTGCAGGGGGTGATG
 CTAGTGGCTCCCCAGACACCGGCCTGAACGTGGCATTGTCAGGCAGCATCAAGACCAAGTCGCTGCTGA
 AGATAAACCTGAAGCTCCCCTCGTGTCAACCTTGACAGCGAAGGCTACATGTGTGAAAGGGATGGGAGC
 CAGAAGGTTTCCAAACTAGCTCTGAAGCAAAGGAAAAGAGAGCGACGAGAAAAGGACAGAACGAGTA
 GCAGGAAAAGTCCCACCACCGCAGGACAGGCATGAGTCGCCACAGTTCCAAGGACAAGAGCCGGAACAC
 ATCTTCTACCGGTCTGTATCTGGGAAAACGAGAGAGGACAAAGGAAAGGGCATGGCAGATTAAGGGGC
 AAGAGACACAGCTCCTCTCACAAAAGTGAGTCCAGGACTGGTCACAAAACAGGAAGAACCGATCACCAG
 CTGGCTTGGGGTCTGTGAGTAAGAGAGCTACTAAGATTACATCATTTTTTTCAGGAGTTTCTAGTAAGGCC
 TACTCCAAAAGCAGGGGACACCTCATGTGATAGAGGAGGGGTAGACATTGTGACAAAAGTTGGTAGAGAAG
 AAGCAGGACATAGAGGCCGTGATGGAGAAAAGCAAGGATTCAGAGTTCAAAGATACCGTAATCTCTGAGA
 CAATGGAGAAGATCATCCTTGAACCAAATCCATT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_001013783

Insert Size: 1998 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: NM_001013783.2, NP_001013805.1

RefSeq Size: 2190 bp

RefSeq ORF: 1998 bp

Locus ID: 432552

UniProt ID: Q5STT6

Cytogenetics: 11

Gene Summary: May be involved in RNA biogenesis.[UniProtKB/Swiss-Prot Function]