

## Product datasheet for **MC228223**

### **Fam214b (NM\_001253354) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Fam214b (NM_001253354) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam214b
Synonyms:	B230312A22Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >MC228223 representing NM\_001253354  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGCCACGTGCAGGCGGAGCTGTCTCCATCCTCAGAGCCAGAGGCTGGCCCTTACAGCCTCCAGTCA  
 GACAGGGGACCCTCCAGGGTGGCCTGCTCATGGGCTACAGCCAGCAGGGGGGGCAGATCCCCGGGGT  
 CTACCAGGTATCCATCTTTTCCCCTCAGCTGGTGCCTCCGAGCCTCCTAGGGCTCTGAAGCGGCCGGCC  
 CCTCCCACCGAGGGTCCCCGGGAGCTGAAGAGAGGCCCTGGGCTGGGGCCAGAGAGGGACTACCCCTG  
 AAGAACCATCTACTGTGGGACTTTGAGCCAGAGGGACTGGGTCTGGGACTGGGTGTGGCTAGCCAGCA  
 TTTCTCCCACCATGGCCTCTGTGTTGTGGAGCACGGAGGTAATACCACCTCACCTTGACTTCAGGGACC  
 CAGAGTACACCCTGGCTCTCATCAATGCTTCCTTCAATACTTTGCACACCAGAGACTGGGCTTTCCAG  
 ATCAAGGGGGACAGGGGTGCCTGGGGGAGACTCCAGGGCCAGCCCCTCAGGCCAGCTGCACACACTTGA  
 CACTGATTTGCACAATCTTGACAAATAGGGGGTAAGAGCCAGTGGCTAGGGTGGCAACGGGAGCAAC  
 CCCTGGCCTAGGGAGTCCCATGGAAGTCCAATGGGCACAGTCCCAGACACACCCCCTGGCCCTGGAC  
 CTCTGGCCCCTGCCCAAGCGAAGGCTGCTGCCTGCTGGAGAAACCTTGATGTACGCTCTGAGGA  
 TGAGGGGCCAGCCCTCGGAGGGCCGGGGAACCTGGGCTGCCCTTTGCTGCCAATAGTTCTGATGCC  
 AAAGCCACACCCTTCTGGAGCCACTGCTGCCTGGGCCAAGGAGCCTGTTTTGGACCAACAGACTGCA  
 GTCCCATGGGGCGGAGGCTGAAAGGCGCCCGTGCCTGAAGCTAAGCTCCCTTGAACCTCCGGAAGGG  
 GCCAGGCTGTGAGCCCTCCAGTGCCTCCCCCTTTCCACCCCTGCTGCAGCCGACCCTGCTGGGC  
 AACTTTGAGGAATCACTGCTTCGAGGACGCTTTGCACCATGTGCCACATTGAGGGCTTTACTGCAGAGA  
 TTGGAGCCAGTGGGTCTTACTGTCCCAACATGTCACGCTGCCCGTCACTGTCACCTTTTTGATGTTTC  
 TGAGCAAAATGCGCCGGCCCTTCTGGGAGTGTGGACCTGACTCCTCTGGGGAGGAAGGGTTACAGT  
 GTGCCAAGGTGGGCACCATCCAAGTGACCTTATTTAACCCTAACAGACTGTGGTGAAGATGTTCTTGT  
 TGACCTTTGACTTCTCGACATGCCTGCTGCCACATGACCTTCTGCGCCATCGCCTCTTCTTGGTGCC  
 TGTGGGTGAGGAGGAAATGCTAGCCCCACCCACCGCCTCCTCTGCTACTTGCTGCACCTCAGGTTCCGG  
 AGCTCTCGCTCAGGCCGCTTAAGCCTGCATGGAGATATCCGCCTGCTTTTTTCCCGCCGGAGCCTGGAGC  
 TGGACACGGGGTCCCCTATGAAGTTCAGGCTGTGACTGAGGCCCCCAATCCACGTTATTCACCTTT  
 GCCCTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001253354
- Insert Size:** 1617 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:** [NM\\_001253354.1](#), [NP\\_001240283.1](#)

**RefSeq Size:** 3086 bp

**RefSeq ORF:** 1617 bp

**Locus ID:** 230088

**UniProt ID:** [Q8BR27](#)

**Cytogenetics:** 4 A5