

Product datasheet for **MC228222**

Fam214b (NM_001253353) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam214b (NM_001253353) 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: >MC228222 representing NM_001253353
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCCACGTGCAGGCGGAGCTGTCTCCATCCTCAGAGCCAGAGGCTGGCCCTTACAGCCTCCAGTCA
 GACAGGGGACCCTCCAGGGTGGCCTGCTCATGGGCTACAGCCAGCAGGGGGGGCAGATCCCCGGGGT
 CTACCAGGTATCCATCTTTTCCCCTTCACTGGTGCCTCCGAGCCTCCTAGGGCTCTGAAGCGGCCGGCC
 CCTCCCACCGAGGGTCCCCGGGAGCTGAAGAGAGGCCCTGGGCTGGGGCCAGAGAGGGACTACCCCTG
 AAGAACCATCTACTGTGGGACTTTGAGCCAGAGGGACTGGGTCTGGGACTGGGTGTGGCTAGCCAGCA
 TTTCTCCCACCATGGCCTCTGTGTTGTGGAGCACGGAGGTAATACCACCTCACCTTGACTTCAGGGACC
 CAGAGTACACCCTGGCTCTCATCAATGCTTCCTTCAATACTTTGCACACCAGAGACTGGGCTTCCCAG
 ATCAAGGGGGACAGGGGTGCCTGGGGGAGACTCCAGGGCCAGCCCCTTCAAGCCAGCTGCACACACTTGA
 CACTGATTTGCACAATCTTGCACAAATAGGGGGTAAGAGCCAGTGGCTAGGGTGGCAACGGGAGCAAC
 CCCTGGCCTAGGGAGTCCCATGGAAGTGCATGGGCACAGTCCCGAGCACACACCCCTGGCCCTGGAC
 CTCTGGCCCCTGCCCAAGCGAAGGCTGCTGCCTGCTGGAGAAACCTTGATGTACGCTCTGAGGA
 TGAGGGGCCAGCCCTCGGAGGGCCGGGGAACCTGGGCTGCCCTTGTCTGCCAATAGTTCTGATGCC
 AAAGCCACACCCTTCTGGAGCCACTGCTGCCTGGGCCAAGGAGCCTGTTTTGGACCAACAGACTGCA
 GTCCCATGGGGCGGAGGCTGAAAGGCGCCCGTGCCTGAAGCTAAGTCCCTTGAACCTCCGGAAGGG
 GCCAGGCTGTGAGCCCTCCAGTGCCTCCCCCTTCCCACCCCTGCTGCAGCCGACCCTGCTGGGC
 AACTTTGAGGAATCACTGCTTCGAGGACGCTTTCACCATGTCACGCTGCCACATTGAGGGCTTTACTGCAGAGA
 TTGGAGCCAGTGGGTCTTACTGTCCCCAACATGTCACGCTGCCCGTCACTGTCACCTTTTTGATGTTTC
 TGAGCAAAATGCGCCGGCCCTTCTGGGAGTGTGGACCTGACTCCTCTGGGGAGGAAGGGTTACAGT
 GTGCCAAGGTGGGCACCATCCAAGTGACCTTATTTAACCCTAACAGACTGTGGTGAAGATGTTCTTGT
 TGACCTTTGACTTCTCGACATGCCTGCTGCCACATGACCTTCTGCGCCATCGCCTCTTCTTGGTGCC
 TGTGGGTGAGGAGGAAATGCTAGCCCCACCCACCGCCTCCTCTGCTACTTGCTGCACCTCAGGTTCCGG
 AGCTCTCGCTCAGGCCGCTTAAGCCTGCATGGAGATATCCGCCTGCTTTTTTCCCCTGGAGCCTGGAGC
 TGGACACGGGGTCCCCTATGAAGTTCAGGCTGTGACTGAGGCCCCCAATCCACGTTATTCACCTTT
 GCCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001253353

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_001253353.1](#), [NP_001240282.1](#)

RefSeq Size: 3309 bp

RefSeq ORF: 1617 bp

Locus ID: 230088

UniProt ID: [Q8BR27](#)

Cytogenetics: 4 A5