

Product datasheet for **MC216835**

Fam114a2 (NM_026342) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam114a2 (NM_026342) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam114a2
Synonyms:	1810073G14Rik; 9030624B09Rik
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC216835 representing NM_026342
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCAGATAAGGATCCTCCAGAGTCTCCAGTGGTAACCGGAGTAGCTTCGACCCTAAAGATGAGAACT
 GTGAGCCAGTGGAGAAGCCAGAGGATAAATCTCAGCCTGTAGTGTCCACCCGAAAAGACCAGAGACCAA
 ACCTTCCAGTGACCTTGAGGCTTCTGCTCTTCTGCTCAGGAGACTGCTTCTAAAGATGTACCTCAGACT
 GGGTGGGTTATTGGGCGAGTTGGGGCAAGTCTGCTCTCCTCAGCCTCAGCTACGGTAGCTACAGTAG
 GACAAGGTATTTCAAATGTCATTGAGAAGCCAGAGACTTCTTTGGGATTCCTAGCCCCACTGAAATTTT
 AGCTGAAGTCAAGCAAGCAGCAGGAGAAAAAATGCTGGTGAATGGAAGCTTACTAGTGGCTGCACCA
 TTCGGGATGCTCTCGACCATCTACAGCTGTGCAGAGCACGGGCAAGAGCGTTATCAGTGGGGCTTGG
 ATGCCTTGAATTCATTGGGAAGAAGACAATGGATGTCATAGCAGAAGGGGACCCTGGATTTAAAAGAAC
 CAAGGGCCTGATGAATCGGACTTCTACGCTGTCTCAGGTTTTACGAGAGGCAAAGGATAAAGAAGAGCAG
 CGGCCTTCCAATGAAGTAACCATGGAAACAGACAAGAAAACCTATTATGGGCTACTCTTTGATGAGTTTC
 AAGGCCTTTCACATCTAGAAGCTCTGGAGATGCTTTCCCGAGAAAAGTGAGATAAAGGTGAAATCTATTCT
 TAGTTCTCTGAGTGGAGAAGAACTACAGACAACAGACTTGTAGCTAGAGCAGCTCAAAGAAGTGTTCCT
 CTAGCAGAGTTCTGTGAGGAAGAGGAGGAGAGACAAGGGGATGACAATTTTACCAAGGAGATAACAG
 ATCTGTTTGCTCAGCTTACGCTCTCTCCCGACCAGAGAAGCTTGCCAGGGCAAGAAATACAGCCTACAA
 ATGGATCAGAACATCTCTGGCTAGGCCAGTAGCAGAGAAAAGAAGGAGAAAAAGAGTCGGAGGCCAGGA
 AATACCGAGGAAGCCAGAAAACATTCAATAGAGGATATCCATGCATTTGCAATCCGGAGCTTAGCAGAGT
 TGACTGCCTGCTCAATAGAATTGTTCCACAAAACAGCAGCATTGGTTTTGCATGGCCAGAAGCAGGAGGT
 GACAGCCTTAGAGAGGAGCCAGACTCTCTCCAGATGACAGTCATGCTGTGTAAGACCTGGCCTCGCTG
 TCTAAAGAGTTTACCACCTGCCTGACCACAGCTGGGGTCAGAGAGAAGGCAGATGTTCTTAAATCCAGTCA
 TCACTGCAGTGTCTTAGAGGCCTCAAACAGCGCCTTTACATTCAAGATGCCTTCCAACCTCCTCTGCC
 TGTGCTGCAGATCTCTCATCGAGAGCAAGACAGAGTATCCACGTGTGAGCCACAGTCCAGAGACCTC
 TGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_026342
- Insert Size:** 1473 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: [NM_026342.3](#), [NP_080618.1](#)

RefSeq Size: 2590 bp

RefSeq ORF: 1473 bp

Locus ID: 67726

UniProt ID: [Q8VE88](#)

Cytogenetics: 11 B1.3