

Product datasheet for **MC216836**

Fam114a2 (NM_001168667) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam114a2 (NM_001168667) 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: >MC216836 representing NM_001168667
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCAGATAAGGATCCTCCAGAGTCTCCAGTGGTAACCGGAGTAGCTTCGACCCTAAAGATGAGAACT
GTGAGCCAGTGGAGAAGCCAGAGGATAAATCTCAGCCTGTAGTGTCCACCGGAAAAGACCAGAGACCAA
ACCTTCCAGTGACCTTGAGGCTTCTGCTCTTCTGCTCAGGAGACTGCTTCTAAAGATGTACCTCAGACT
GGGTGGGTTATTGGGCGAGTTGGGGCAAGTCTGCTCTCCTCAGCCTCAGCTACGGTAGCTACAGTAG
GACAAGGTATTTCAAATGTCATTGAGAAGGCAGAGACTTCTTTGGGATTCCTAGCCCCACTGAAATTTT
AGCTGAAGTCAAGCAAGCAGCAGGAGAAAAAATGCTGGTGAATGGAAGCTTACTAGTGGCTGCACCA
TTCGGGATGCTCTCGACCATCTACAGCTGTGCAGAGCAGGGCAAGAGCGTTATCAGTGGGGCTTGG
ATGCCTTGAATTCATTGGGAAGAAGACAATGGATGTCATAGCAGAAGGGGACCCTGGATTTAAAAGAAC
CAAGGGCCTGATGAATCGGACTTCTACGCTGTCTCAGGTTTTACGAGAGGCAAAGGATAAAGAAGAGCAG
CGCCTTCCAATGAAGTAACCATGGAAACAGACAAGAAAACCTATTATGGGCTACTCTTTGATGAGTTTC
AAGGCCTTTCACATCTAGAAGCTCTGGAGATGCTTTCCGAGAAAAGTGAGATAAAGGTGAAATCTATTCT
TAGTTCTCTGAGTGGAGAAGAACTACAGACAACAGACTTGAGCTAGAGCAGCTCAAAGAAGTGTTTTCC
CTAGCAGAGTTCTGTGAGGAAGAGGAGGAGAGACAAGGGGATGACAATTTTACCAAGGAGATAACAG
ATCTGTTTGCTCAGCTTTCAGCTCTCTCCGACCAGAGAAGCTTGCCAGGGCAAGAAAACAGCCTACAA
ATGGATCAGAACATCTCTGGCTAGGCCAGTAGCAGAGAAAAGAAGGAGAAAAAGAGTCGGAGGCAGGA
AATACCGAGGAAGCCAGAAAACATTCAATAGAGGATATCCATGCATTTGCAATCCGGAGCTTAGCAGAGT
TGACTGCCTGCTCAATAGAATTGTTCCACAAAACAGCAGCATTGGTTTTGCATGGCCAGAAGCAGGAGGT
GACAGCCTTAGAGAGGAGCCAGACTCTCTCCAGATGACAGTCATGCTGTGTAAAGACCTGGCCTCGCTG
TCTAAAGAGTTTACCACCTGCCTGACCACAGCTGGGGTCAGAGAGAAGGCAGATGTTCTTAAATCCAGTCA
TCACTGCAGTGTCTTAGAGGCCTCAAACAGCGCCTTTACATTCAAGATGCCTTCCAACCTCCTCTGCC
TGTGCTGCAGATCTCTCATCGAGAGCAAGACAGAGTCATCCACGTGTGAGCCACAGTCCAGAGACCTC
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001168667

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_001168667.1](#), [NP_001162138.1](#)

RefSeq Size: 2587 bp

RefSeq ORF: 1473 bp

Locus ID: 67726

UniProt ID: [Q8VE88](#)

Cytogenetics: 11 B1.3