

Product datasheet for **MC218389**

Fam114a2 (NM_001168668) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam114a2 (NM_001168668) 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: >MC218389 representing NM_001168668
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCAGATAAGGATCCTCCAGAGTCTCCAGTGGTAACCGGAGTAGCTTCGACCCTAAAGATGAGAACT
GTGAGCCAGTGGAGAAGCCAGAGGATAAATCTCAGCCTGTAGTGTCCACCGGAAAAGACCAGAGACCAA
ACCTTCCAGTGACCTTGAGGCTTCTGCTTTCCTGCTCAGGTTTCACTGGCTGTAGCCAAAGAGACTGCT
TCTAAAGATGTACCTCAGACTGGGTGGGTTATTGGGCGAGTTGGGGCAAGTCTCTGCTCTCCTCAGCCT
CAGCTACGGTAGCTACAGTAGGACAAGGATTTCAAATGTCATTGAGAAGGCAGAGACTTCTCTGGGAT
TCCTAGCCCCACTGAAATTTAGCTGAAGTCAAGCAAGCAGCAGGAGAAAAAATGCTGGTGAATGGA
AGCTTACTAGTGGCTGCACCATTCGGGATGCTCTCGACCATCTACAGCTGTGCAGAGCACGGCAAGA
GCGTTATCAGTGGGGCTTGGATGCCTTGAATTCATTGGGAAGAAGACAATGGATGTCATAGCAGAAGG
GGACCCTGGATTTAAAAGAACCAAGGGCCTGATGAATCGGACTTCTACGCTGTCTCAGGTTTTACGAGAG
GCAAAGGATAAAGAAGAGCAGCGCCTTCCAATGAAGTAACCATGGAAACAGACAAGAAAACCTATTATG
GGCTACTCTTTGATGAGTTTCAAGGCCTTTCACATCTAGAAGCTCTGGAGATGCTTTCCCGAGAAAGTGA
GATAAAGGTGAAATCTATTCTTAGTTCTCTGAGTGGAGAAGAACTACAGACAAGTACTTGGCTAGAG
CAGCTCAAAGAAGTGTTCCTAGCAGAGTCTGTGAGGAAGAGGAGGAGAGACAAGGGGATGACA
ATTTTACCAAGGAGATAACAGATCTGTTTGCTCAGCTTACGCTCTCTCCCGACCAGAGAAGCTTGCCAG
GGCAAGAAATACAGCCTACAAATGGATCAGAATCTCTGGCTAGGCCAGTAGCAGAGAAAGAAGAAGGA
GAAAAAGAGTCGGAGGCAGGAAATACCGAGGAAGCCAGAAACATTCAATAGAGGATATCCATGCATTTG
CAATCCGGAGCTTAGCAGAGTTGACTGCCTGCTCAATAGAATTGTTCCACAAAACAGCAGCATTGGTTTT
GCATGGCCAGAAGCAGGAGGTGACAGCCTTAGAGAGGAGCCAGACTCTCTCCAGATGACAGTCATGCTG
TGTAAGACCTGGCTCGCTGTCTAAAGAGTTCACCACCTGCCTGACCACAGCTGGGGTCAGAGAGAAGG
CAGATGTTCTTAATCCAGTCATCACTGCAGTGTCTTAGAGGCCTCAAACAGCGCCTCTTACATTCAAGA
TGCTTCCAACCTCCTCTGCCTGTGCTGCAGATCTCTCTCATCGAGAGCAAGACAGATCATCCACGTGT
GAGCCACAGTCCAGAGACCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001168668

Insert Size: 1494 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_001168668.1](#), [NP_001162139.1](#)

RefSeq Size: 2608 bp

RefSeq ORF: 1494 bp

Locus ID: 67726

UniProt ID: [Q8VE88](#)

Cytogenetics: 11 B1.3