

Product datasheet for **MC219089**

Fam114a1 (NM_026667) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam114a1 (NM_026667) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam114a1
Synonyms:	1190001N04Rik; 9130005N14Rik; Noxp20
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC219089 representing NM_026667
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGGC**

ATGCTCTGATGATGCTCGTGACACCATAGCCAATGGAGTCGGAGAAGATGCTGCTGAGATGCCAACAGTG
 ACTCCCCTGCTGAAGATGCAGCAGAAGTGCAGTGTGGTCCAGCTACAACCTCAAATGAACCAGCACCAGA
 TGACCACATGGAAGAGCAGCCTGAGATCACAGCTATGTGTGCAGAGTCCACCCCTCCAGGGATTCTAGAC
 CAATCCAAGGCCAGTGCTGCCGACGAGACCCCCCTCAATGGAGAAGTAACTGAAGACACCCTGGTTGAGT
 GCGTTGATTCCGTCAGCCTCGAGGGAGACACGGATCTGAAATACCTCTGAAAGAACAGGATGACGCGGC
 TGTGGACCCCTCATCACAGGCAGGAAGATGGGCAGGCTGGGGATCCTGGGGGAAATCTCTGCTCTCATCT
 GCATCAGCCACAGTAGGTCATGGATTAAACAGCAGTCAAAGAAAAGGCAGGGGCAACCCTACGAATCCACA
 GTGCCAATTCTGCATCTCCGAAGGGGCCCAACTGATGCTGAAAACGGAATCTCTGGAATGTGACTCC
 AGATCAGGACCCGCCAGAGGCCCCCACTCCTCCTCCACAGGGGCGGCAGGGTCGAGAGGCATGCTG
 TCAGCCCTCACCAATGTGGTTCAAACACGGGCAAAAGCGTCTTAACCGAGGTCTGGATGCTTTAGAAT
 TCATTGGCAAGAAAACCATGATTGTCCTCGCAGAAAGCGACCCAGGGTTTAAGCGGACCAAGACACTGAT
 GGAACGAAGTGTCTCTTGTCCCAGATGTTGAGAGAAGCAAGGAGAAGGAGAAGCAGAGTTGGCCAG
 CAGCTCACAGTGGAGAGGACTGCACACTATGGGATGCTGTTTGATGAATATCAAGGTTTGTACACCTGG
 AAGCCCTGGAAATTCTGTCCAATGAGAGTGAGAGCAAGGTTCACTCCTTCTTAACATCCCTGGATGGAGA
 GAAGCTAGAAGCTTTGAAAAATGACCTAATTTCAATCAAGGACATCTTTGTAGCCAAAGAATCAGAGAAT
 GAAGCAAAACCCAGAAGAACAAGGCCTAGAAGAAAGCGGGGAAGAATTTGCCAGGATGCTTACAGAGCTCC
 TGTTTGAATTACACGTCGCCGCCACACCTGACAACTCAATAAGGCCATGAAGAAAGCTCATGACTGGGT
 GGAAGAAGATCAAAGCGTGGTGTGATAGATGTGGCCAAAGGGTCGGAGGAGGAAGAGAAGGAAGGA
 AAGGAAGAGAAAGCCGAAGAACCTGAAGAAGACAAAACAGGGGGCCAAGGAGCTAAGACTGTAGAGGAAG
 TGTACATGCTGTCCATTGAAAGTCTGGCTGAAGTCACTGCACGCTGCATTGAACAGCTACATAAGGTTGC
 AGAGTTGATTCTCCATGGACAAGAGGAGGAGAAACCAGCTCAAGACCAAGCAAGATTCTGATAAAATTA
 ACCACAGCAATGTGCAATGAAGTAACCTCCTTATCGAAGAAGTTTACAAATCTTTAACCCTGTTGGGA
 GCAACAAGAAGGCTGAAGTCCTTAACCCCATGATCAATAGTGTGTTTTAGAGGGCTCCAATAGCACCAC
 ATATGTGCAGGACGCCCTCCAGCTGCTGCTCCCGTACTGCAGGTCTCCACATCCGCACCAGCTGTTTG
 AAAGCTACAGCCAGCCAGATTGCAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-MluI

ACCN: NM_026667

Insert Size: 1710 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_026667.3](#), [NP_080943.3](#)

RefSeq Size: 2949 bp

RefSeq ORF: 1710 bp

Locus ID: 68303

UniProt ID: [Q9D281](#)

Cytogenetics: 5 C3.1

Gene Summary: May play a role in neuronal cell development.[UniProtKB/Swiss-Prot Function]