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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

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Fully Sequenced ORF:

>MC218389 representing NM_001168668
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCAGATAAGGATCCTCCAGAGTCTCCAGTGGTAACCGGAGTAGCTTCGACCCTTAAAGATGAGAACT
GTGAGCCAGTGGAGAAGCCAGAGGATAAATCTCAGCCTGTAGTGTCCACCCGGAAAAGACCAGAGACCAA
ACCTTCCAGTGACCTTGAGGCTTCTGCTCTTCCTGCTCAGGTTTCACTGGCTGTAGCCAAAGAGACTGCT
TCTAAAGATGTACCTCAGACTGGGTGGGGTTATTGGGGCAGTTGGGGCAAGTCTCTGCTCTCCTCAGCCT
CAGCTACGGTAGCTACAGTAGGACAAGGTATTTCAAATGTCATTGAGAAGGCAGAGACTTCTCTTGGGAT
TCCTAGCCCCACTGAAATTTCAGCTGAAGTCAAGCAAGCAGCAGGAGAAAAAAATGCTGGTGAGAATGGA
AGCTTACTAGTGGCTGCACCATTCGGGATGCTCTCGACCATCTCTACAGCTGTGCAGAGCACGGGCAAGA
GCGTTATCAGTGGGGGCTTGGATGCCTTGGAATTCATTGGGAAGAAGACAATGGATGTCATAGCAGAAGG
GGACCCTGGATTTAAAAGAACCAAGGGCCTGATGAATCGGACTTCTACGCTGTCTCAGGTTTTACGAGAG
GCAAAGGATAAAGAAGAGCAGCGGCCTTCCAATGAAGTAACCATGGAAACAGACAAGAAAACTCATTATG
GGCTACTCTTTGATGAGTTTCAAGGCCTTTCACATCTAGAAGCTCTGGAGATGCTTTCCCGAGAAAGTGA
GATAAAGGTGAAATCTATTCTTAGTTCTCTGAGTGGAGAAGAACTACAGACAACTAGACTTGAGCTAGAG
CAGCTCAAAGAAGTGTTTTCCCTAGCAGAGTTCTGTGAGGAAGAGGAGGAGGAGAGACAAGGGGATGACA
ATTTTACCAAGGAGATAACAGATCTGTTTGCTCAGCTTCACGTCTCCTCCCGACCAGAGAAGCTTGCCAG
GGCAAGAAATACAGCCTACAAATGGATCAGAACATCTCTGGCTAGGCCAGTAGCAGAGAAAGAAGAAGGA
GAAAAAGAGTCGGAGGCAGGAAATACCGAGGAAGCCCAGAAACATTCAATAGAGGATATCCATGCATTTG
CAATCCGGAGCTTAGCAGAGTTGACTGCCTGCTCAATAGAATTGTTCCACAAAACAGCAGCATTGGTTTT
GCATGGCCAGAAGCAGGAGGTGACAGCCTTAGAGAGGAGCCAGACTCTCTCCCAGATGACAGTCATGCTG
TGTAAAGACCTGGCCTCGCTGTCTAAAGAGTTCACCACCTGCCTGACCACAGCTGGGGTCAGAGAGAAGG
CAGATGTTCTTAATCCAGTCATCACTGCAGTGTTTCTAGAGGCCTCAAACAGCGCCTCTTACATTCAAGA
TGCCTTCCAACTCCTCCTGCCTGTGCTGCAGATCTCTCTCATCGAGAGCAAGACAGAGTCATCCACGTGT
GAGCCACAGTCCAGAGACCTCTGA

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).

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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

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