

Product datasheet for **MC201282**

Fam110c (NM_027828) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam110c (NM_027828) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam110c
Synonyms:	9030611O19Rik; AU019489
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC019466 sequence for NM_027828
 CTCGGGCAGGGTGGCGCCGGAACCTTAAGTAGTCTCTACTGGACACCAGCCTGGTGGGTTTCGAGTCTGCA
 AGAATGCGCGCCCTGCCGACCCTGGACTCGCTTAGAATGCGGCCACCTCTCGGGGACCCAGGGCAG
 CGGAGGACACTCTACCCCGCGGCCAGCGAACAAGAGCGCTGTGGAGAGACTGGCAGCGGACCGCGCAA
 GTATGTTTCGACACGCTGGGATCTAGCCGGGGTCTGTATCTGAACACAGGGTCCCTGAGGCCCCAGGG
 GTGCAGCACCGCAACCCGATCCCTTCGGCTCTTGCCCCAGCTCCTGTAGCACGCAAGGGTATCGCTCGAA
 AGCCTCTGAGACCTGATTCTGTTGGTCATCTATCGGCAGAAATGTGAATTCGTACGAGGGTCAGATGCAGA
 CTGTTCCAGAGTGGGACTGATGAAGAAGTTTTTCCAGGGGTCTGGCAAGGACAAAATGGCAGTGGCCCT
 GAGACGACCAGGGTGGCGGATGAGGATAAGACGACGAAGGAAACAGAGGCCACTTGGACTAAGTCGAGCC
 AGGCAGCAGCCGACAGCCAGCCTCTATGTTACCACCTCCAACCCCTGTTGTAGCCGTGAAGTCCCCAGC
 TGAGAAGACCAGGGTGGCGAATGAAGATAAGACGACGAAGGAAACAGAGGCCACTTGGACTAAGTCGAGC
 CAGGCAGCAGCCGACAGCCAGCCTCTATGTTACCACCTCCAACCCCTGTTGTAGCCGTGAAGTCCCCAG
 CTGAGAAGACCAGGGTGGCGAATGAAGATAAGACGACGAAGGAAACAGAGGCCACTTGGACTAAGTCGAG
 CCAGGCAGCAGCCACCAGACCAGCCTCTATGTTACCACCTCCAACCCCTGTAGTAGCTGTGAAGTCCCCA
 GCCTTGCCTTTTGAAGTGGCTCCAGGGTTCCTGTCGGATGCTCCGGTGTGCAGTGCAGGTGTCGCGTA
 GCAAAGGATTGCAGCGCTCTCAGTCAGATCTCAGTCCCCTACTCGATAGCCAAGGCTGAGTCCGACAC
 CTTCTTCAAGTATTGTGGCTGGACCCTGACGTAGTGGAGGCTCTCGGGAGGGAGAACTTTTCTGCTGGA
 TCCGACTGTGTTACACTCAAAGTGCAGTGCAGTGGCTGCTTCTGATAGTAGCTTTTCCAGGCACA
 GCGAGGACGGGTGCAAGAAGAGGAACTCTGGAGCAGGTGCCTAGCACCACCTCGGTAGTAGAAAGGAA
 CGCCCGTATCATAAAGTGGCTGTTACCTGCAAGAAGGCCAAAGAAACCCCGAGCCAGAAATTACAGGGA
 CCTGCCTGATTGACATCTGATCCAGGAAGCAAACCTTCCCGGTGATGAACAGACCATAAATTGTAGGCG
 TCTGAAACTCCAGAGCCATGTGTTGGTGTATTCCAACAATACAGAGTTGCTGCTATCCTAGGAATAAG
 CACTCTATTGATAAAGCTTATCTATTGGCCATGATGGCGTCTGTGGGAAGGTGGGAGGGCAGATATTA
 GAGACCCTCGGAGCGTTCCTTCAAGAGGGTCTCAGAGGAACGGCTGAAGAAACAGCAGCTGCTG
 GAGTATATTTTTCAGGACATTTGTTGGTCTGACTTAATGACAGTTTCTGCAATGTGTTTTGATAATTTTA
 ATATTAATAAATCAGATATGTAGACATTTTAAAGGAGAAGAAAGATGGAATCAAGCATGGATGCAA
 TGTTATTCTCCTTTCAACTGATTATGCCACTTACTGTTCTGTGAGCACAAAGAGCAATTAGTCTACTTA
 AGTGCTATGGCTGAGACAGTACCCCAACGCACAGACTGGTTTCCAAGCCTCCCTATAGAATAAATTTT
 ATTCCTGTATACAACCTGGTAGTATTTTGTAAATGATGTGAGGAGGACATTTAAAATCACTTGAGGGCTT
 ATATTCATTTTCGTTAATGCCACTGTCTGCTTGGCCATAAGTATGTGGAAGCACCATTGAGAGATTCGTG
 AGAATTGAGAGCCTGCTAAAAGAAGTACTGTTTTGTACATAACAGTTTCTTGAGATTTAGCCAATATTTA
 TGGGGTCCCTCCGTTAGCTCTTTAAACAATGGTTCCAACAGAAAGTCTCAGTAACACCCTCTTCTTACC
 TTATAAAGGGGATAAAAACCTGGCTCACCACATGCCTGAGGTCTGGTTCCACTTCACATACAGTGGAAATG
 CCTGCATTTGGCATCAACCCATTGTCTGCAGAGGATATGTTTTGAAGCAAAGACTGCCTCTGGGCTTTGA
 GAGGTTCTGCATTCTAAGTATGATTAACACTAAACCAGAACTTGGTTCTGAACTTGTGTTGTACTCA
 AAGTAAAAGAATTTTAGATTTCAGAGTCTCCTGAGAGAAATTACGTGTGAACCAACCCAAAGAAAAATT
 CAGTCTACTCTTTCAAAGTTTACTATATTTTATCAAAACATATTTCTTTAATCACAAAATCATATGCAAT
 ATGAGTGAACAATATGGAAGAAATTTCTCAATGCTAATATTTTGTGTCATGGCATTGGAATGTCCCTG
 CATATAGTTTTAAAAATGATTATGTAATTTTTATTGTAAGTATAGTTTTTGTGTTATAAAAAATATTTA
 TTTTGTCAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI

ACCN: NM_027828

Insert Size: 1266 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:	<ol style="list-style-type: none">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:	<u>BC019466</u> , <u>AAH19466</u>
RefSeq Size:	2684 bp
RefSeq ORF:	1266 bp
Locus ID:	104943
UniProt ID:	<u>Q8VE94</u>
Cytogenetics:	12 A2
Gene Summary:	May play a role in microtubule organization. May play a role in cell spreading and cell migration of epithelial cells; the function may involve the AKT1 signaling pathway. [UniProtKB/Swiss-Prot Function]