

Product datasheet for **RN203786**

Fam110c (NM_001025051) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam110c (NM_001025051) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam110c
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN203786 representing NM_001025051 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGCGCGCCCTGCCACCCTGGACTCGCTTCCAGAACCGGCCATCTCTCGGGACTCCAGGGCAGCGG
AGGGCACTTTACCCGGCAGCCAGCGAACAAGAGCGCTGTGGAGAGACTAGCAGCGGACCGTGCCAAGTA
TGTTCCGACAGCGCTGGATCTAGCCGGGTCCAGTATCCGAAAACAGGGTCCCTGAGGCCCCAGGGGTG
CAGCACCGCAACCCGATCCCTTCGACTCTGCCAGCTCCTGTAGCCCGCAGAGCTGTCGCTCGAAAGC
CTCTGAGACCTGATTCATTGGTCATCTATCGGCAGAAATGTGAATTCGTACGAGGGTCAGATGCAGACTC
TTCCAGAGTGGGACTAATGAAGAAGTTTTCCAGGGGTCTGGCAAGGACAAAATGTCAGTGACCCCTGAG
ACGACCAGGGTGGCAGATGAGTATAAGACGAAGGAAACAGAGGCCACTTGGACTAAGGCGAGCCAGGCAG
CAGCCGCTAAACCAGCCTCTATGTTACCACCTCCAGCCCTGTAGTGGCCATGGAATCCCCAGCCTTGCC
TTTTGAAGTGGCTCCCAGAGTGCCTGTCCGTCTCCGGCGTGGAGCTGCGGGCGTCCCGTAGCAAAGGA
TTGCAGCGCTCTCAGTCAGATCTCAGCTCCGCTACTCGACAGCCAGGGCTGAGTCTGACACCTTCTCC
AGTATTGTGGCCTGGACCCTGAAGTTGTGGAGTCTCTCGGGAGGGAGAATTCTCTGCTGCATCCGACTG
CGTTACACCCAAAATGCGTAGCGTGAGCATGGCTACTTCTGATAGTAGCTTCTCCAGGCACAGCGAGGAC
GGTTGCAAGAAGAGGAGCTCCTGGAGCAGGTGCCTAGCACCACTTCTGTAGTAGAAAGGAACGCCCGTA
TCATAAAGTGGCTGTTTACCTGCAAGAAGGCCAAAGAAACCCCGAGCCAGAAGTTGCAGGAACCTGCCTG
A

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001025051
Insert Size:	981 bp



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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:	NM_001025051.1 , NP_001020222.1
RefSeq Size:	3137 bp
RefSeq ORF:	981 bp
Locus ID:	500638
UniProt ID:	Q5RKIQ
Cytogenetics:	6q16
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]