

## Product datasheet for **SC315527**

### FAM110C (NM\_001077710) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	FAM110C (NM_001077710) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM110C
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC315527 representing NM_001077710. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCGCGCCTGGCGGCCCTGAGCGCGCCCCGAACGAGCGGCTCCTTCCCCGGGACCCCGCGGCTACC
CGGGACCCCGACGCCCGCGCGGCCGGCGCAGGAGCGCAGTGGAGAGGCTGGCGGCGGATCGCGCCAAG
TATGTGCGGGGTGCGCCGGGACTGGCCGGGGCGTCGCTTCCGAGGGCAGCGGCCCGGGGGCGATCAAG
TGCCCGGGGAACGACCCTGGGCCCGGCCCGCCCGCCCGCCCGGTCGGCGGCAGGGCTATTGCGCGG
AAGCCGTTGAGACCGGACTCGCTGATCATCTACCGCAGAAATGCGAATTCGTGCGAGGATCGGGCGCC
GACGGCCCCAGGGCAAGCCTGGTGAAGAAGCTTCCAGGGCCGGTAAGGACAAGCGCCGGTGCCC
CGGACGGGAGACGAGGGCAAGGCCGGGAACCCGGAGACGGTCCCGACCACTCCTGGCCCCGCGCGGAC
CCGCAATCCCCGAGACCCAGCCAGCCGCGGGTCCGCGGCCCTCCAGTGTCCCGCCGCGGCC
CCTGGGCCAGAGCCGCGGTGGTGAAGGCTCGGGGCTGCAGCGCTCACAGTCGGACCTCAGTCCCGC
TATTCCGCTGCCTTGCCGAGTCTGACACCTTCTCCAGTACTGCGGCCTGGACCCGAGGTGGTGGAG
GCCCTGGGAGGGAGAATTACCCGCGGGTGGACTGTGTACCCTCAAGTGCGCAGCGTGAGCGTC
GCCACCTCCGGCAGCGGCTTCTCCGGCACAGCGCGGCGACGACGAGGGGCTGCAGGAGGAGGAGCTG
ATAGAGCAGGTGCCAGCACCTTCGGTCATCGAGAGGAACGCCGCATCATCAAGTGGCTGTACACC
TGTAAGAAGGCCAAGGAGACCCAGCCAGGAGCAGAGCCGACCCGAGGAAGCAAACTTCCCGATGA
```

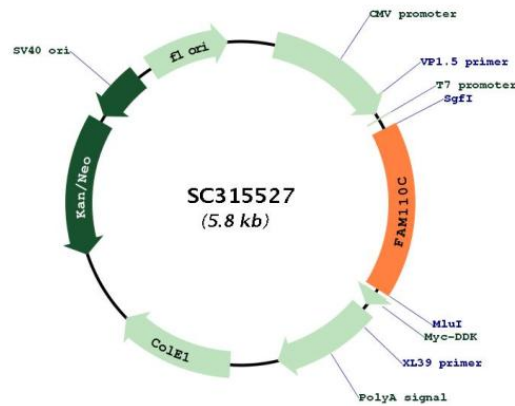
```
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTAAACGGCCGGC
```

Restriction Sites: SgfI-MluI



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## Plasmid Map:



ACCN: NM\_001077710

Insert Size: 966 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).

**OTI Annotation:** This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

**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\\_001077710.2](#)

RefSeq Size: 3963 bp

RefSeq ORF: 966 bp

Locus ID: 642273

UniProt ID: [Q1W6H9](#)

Cytogenetics: 2p25.3

MW: 33.9 kDa

**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]