

## Product datasheet for **SC315589**

### **FAM222B (NM\_001077498) Human Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	FAM222B (NM_001077498) Human Untagged Clone
Tag:	Tag Free
Symbol:	FAM222B
Synonyms:	C17orf63
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

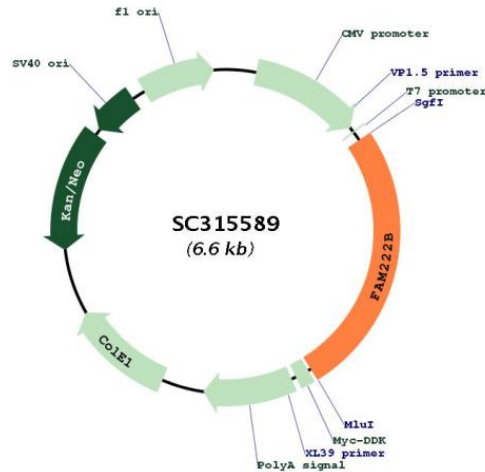


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**Fully Sequenced ORF:** >SC315589 representing NM\_001077498.  
Blue=Insert sequence Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCTAGCCTGTCTACCAGGGCCAGGTGACCTGTCCCTTTCAGCTTCTTTCTCACACGCAGATGAACACT
GGACTTCAGAAAATGGGACACTACACAGAAAATGAGAAGTCTCACTATCCTACCCAGCCGAATTGGAT
GGGTATGCTAAGAAGGTGCAAAACAACCCACTGACTATAAAAATCTTCCCAACAGTGTGAAGTTCCC
CAGCGAAAACACGTTTCGTGCTACTGTGAACGGCCTCGACACATCAGCCCAGCGCTACAGCCCTACCCG
ACACAGGCTGCCACCAAGGCAGGCTGCTTGCATTGTCAAAGTGCCAGCCAAAAGCATACTCAAGGAC
TTTGACGGCACCCGAGCCGGTTGCTCCCTGAGGCCATCATGAACCCCCAGTGGCACCCTATGCTACT
GTGGCACCCAGCACTTTAGCCACCCAGGCCAGGCTCTGGCCCGCCAGCAGGCCCTGCAGCATGCA
CAGACCCTGGCCATGCCCTCCCAGACGCTGCAGCACCCCTCAGGGTATCCCGCCACCCAGGCACTG
TCCCACCCTCAGAGCCTCCAGCAGCCTCAGGGCCTGGGCCACCCCTCAGCCATGGCCAAAACCCAGGGC
TTGGTCCACCCTCAGGCCCTGGCTCACCAGGGTCTCCAGCACCCCAATCCCTTGCTGCATGGAGGC
CGGAAGATGCCAGACTCAGATGCCCCCGAATGTGACCGTGTCTACCTCAACTATCCCCCTTTCATG
GCGGCCACTCTGCAGCACAGCCAGCCTCCGGACCTGAGTAGCATCGTGCCAGATCAACCAGTTTTGC
CAGACGAGGGCAGGCATCAGCACTACCTCAGTGTGTGAGGGCCAGATCGCCAACCCAGCCCATAGT
CGCAGTCTGCTCATCAATGCAAGCACCCGGGTGTGACCCACAGCGTCCCACACCAATGCCTTCATGT
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CCCACAGGCATCTCTCGCGTCCCCTAGGCTACCTAGCGACCTCAAGCCAGTCACTGGAACAGCAC
CAGCTGGCCACCTACAGCAGATGTGCAGCGAGGCTAGTGGGACGCCAGCCCTGGCCTGCAGGCAAG
CATGCGCAGGACGCGAGTTGGCAGGGCCTGGCTTTGTGGCAAGGCCCTGCCTACCCGAGAACTC
TGCTGGCGCAGTCTTCCATCTGAAGCCACCCCTGGAAAAGCCGACCCATCCCCACCAGTCAACGGC
ATGGCAGCCCCATTGGCCTACCCCAATGGTCACTACTTCCAACCCCTGTGGAACAACATTCTGCCACT
CCCAATAGCGACAGCTCGGGGTCTCAGGACCTTGCCATGCCGTTCCACGGTGGGAGCCACAGGTGCA
CCCCTCGACTGTGCGGACGCTCCCGGGGCCACTACCGAGCAGGGACCGGGGGGGTCCAGTGGCAAGC
CAGAACAGCTTGATGCAAACAGTGGATTACCTAAGTGGGATTTCCAACAGGCCTGCTTCCGAGAACAG
AGCCTGGCCATGCTGAGCAAGGCCACCGAGCCCTGGCAACCGAGCCCCGATCCCACAGAGATCGA
AGTCTTCATATTCAGCACCCAGGGTATAGTAG
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

**Restriction Sites:** SgfI-MluI

**Plasmid Map:**


**ACCN:** NM\_001077498

**Insert Size:** 1689 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\\_001077498.2](#)

**RefSeq Size:** 4179 bp

**RefSeq ORF:** 1689 bp

**Locus ID:** 55731

**UniProt ID:** [Q8WU58](#)

**Cytogenetics:** 17q11.2

MW: 59.7 kDa