

Product datasheet for **SC107389**

FAM217B (NM_022106) Human Untagged Clone

Product data:

Product Type: Expression Plasmids

Tag: Tag Free

Symbol: FAM217B

Synonyms: C20orf177; dJ551D2.5

Mammalian Cell None

Selection:

Vector: pCMV6-XL4

E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF within SC107389 sequence for NM_022106 edited (data generated by NextGen Sequencing)

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ATGAATGCTGGCCCATCTTGAATAAAGTGAACATTCAAAGAATTCTTCAGGAAAAAGG
CAGAGTAAATCCCAAGTACCCACGCTTCTCCAGCCGAGAAGCAGCCTCACAGCTGTC
ACCCAGCCTACTGAAGAAAACTTAAAGAAAGCATTTCCCGGAAGCAAGACGCAAAAGG
AATCCACTCGGTTCAGGTGTCAGGGGGCCTCAGGGAATAAACTGTTTCTTGATTTTCAG
TCAATGAAAATTATTAAAGAGAATGCTGATGAGGACAGTGCAAGTGATCTCTGATTCTG
GAAAGAATCCCATCTCTCTCTCCCTCACACCTCCAGATCTCAATCTTCGAGCTGAA
GAAATTGATCCAGTTTACTTTGATCTTCACCTGGTCAGGGCCATACAAAACCTGAATAC
TATTATCCTAATTTCTCCATCCCTTTTCAGTCTCTGGGACCTACGAGATATGGCCTG
CTTCTGAACGCAGAGAACAAAACGGAAGCCGTGCCCGAGTGGGAGGACTTCTTGGAAG
TATATCGATAGACTTATTCAGCTTGAGTGGCTGCAAGTCCAGACTGTACAGTGTGAAAA
GCAAAGGGGGGCAAGCAAGGCCCCCACTGCCCTGGGACCTCAGGGGCACTGAAAAGC
CCTGGGAGAAGTAAGCTAATTGCTAGTGCTCTGTCCAAGCCACTACCTCACCAGGAAGGG
GCTTCAAAGTCAGGCCCTTCCCGAAAGAAAGCTTTTACCATGAAGAAATCCACCCATCA
CATTATGCATTGAGACTTCCCTAGACCCATTGATGTGCTTGGTGGTACCAGGTTTGT
TCTCAGAGGCAAACCTTGAAATGAGGACAGAAGAAAAGAAAAGAAATCAAGTAAGAGT
ACGAAGCTGCAGCGCTGGGATCTGTCCGCAGTGGAAGCAGCTCTAAGGTGGAACACAGC
GGTCACATTCGAGTTCCCAACAGGCAGCTGTGATTCTGGACTCAGCAGATTCTGTAAAG
GCCTCCAAAACACAAGCACATGCACATCCTAGGAAAAAGGAAAGGCAGAGAGCTGTGGT
CATGCCACTGTATCGAGTGAGAAAAAACTGAAAACAAACGGAGTAAAGCAAAACACATAT
AAACTAAAAATAA
```

Clone variation with respect to NM_022106.2



5' Read Nucleotide
Sequence:

```
>OriGene 5' read for NM_022106 unedited
GGCCGCGAAATTCGCCGAGGCTCCCTGCCGACGCGCGCCGAGCCGGGCGTCCCCGCGC
GGGCGCCGGAGAGGAAGGAAGGCTGGCAGCCTCGTCACGTGTCCGCTGCAGTCGCGAAAC
AGTTCCGGTGGTGAGGAGACCTTTCCAAATATAAGAGGAATAAAGAAGTACCTCCCCAG
CTGTATCATCTTCCAGCAGATTGAGCAAGAATATTTTGAGCACTACAGGAAAGACAGTC
CATCAAACCCGAGATGATGATCAGCCACGTGATTTTTCAAGAAGAGGAATAGGGTGAAT
GAATCTCATCAGAAAAGCAGCAATATGAATGCTGGCCCATCTTGAATAAAGTGCAACAT
TCAAAGAAATCTTCAGGAAAAAGGCAGAGTAAATCCCAAGTACCCACGCTTCTCCAG
CCGAGAAGCAGCCTCACAGCTGTACCCAGCCTACTGAAGAAAACTTAAAGAAAGCATT
TCCCCGGAAGCAAGACGCAAAAGGAATCCACTCGGTCCAGGTGTGAGGGGGCCTCAGGG
AATAAACTGTTTCTGATTTTCAGTCAATGAAAATTATTAAGAGAATGCTGATGAGGAC
AGTGCAAGTGATCTCTGATTGCGAAAGAATTCCATTCTCTCTTCTCCCTCACACCT
NCAGATCTCAATCTTCGAGCTGAAGAAATTGATCCAGTTTACTTTGATCTTACCCTGGT
CAGGGCCATACAAAACCTGAATACTATTATCCTAATTTCTTCCATCCCTTTTCTAGCTCC
TGGGACCTACGAGATATGCCCTGCTTCTGACGCAGAGACAAACGGNAGCCGTGCCGAGT
GGGAGGACTCTTGGGAAGATAT
```

3' Read Nucleotide
Sequence:

```
>OriGene 3' read for NM_022106 unedited
CCATCGATCATTGGGCGATGGTCAACCTTCCCAGNCCAGNAAGAGCACTGGGGAAGGGG
TACACAGGGCATGCCACCCGGGTATCTGTNTCAGAAAACAGCTATGACCGCGCCGCAAT
CTAGAGTCGAGTTTTTTTTTTTTTTTTTAAAGAACTTGGATTGTTTTAATTGGTTTAA
ATGCAGGGTATATGTAACAACTCCCAGAAATGAGAGGCACTTCTCGGAAATACAATAA
CCCATGTCTAGACTAGCAAAACACTCAGTGCTTTTGACTTGATGAATTGAATGAGTTC
ATGATTCAACTTTCTAATGGTGTCTACTTGAATAATACCAAGATTCTTATCTGCAGCATT
TAATGCATTAAAGATGTATTAGATAGGCATATCAAATATCATAAAATTAAATTTGTGCTTA
TGTTAATTCTGTAATAGACCTAACTTTAAACACCTCATGTTATTTCACTAGGAGCTATGA
TCTAGTCGTGACAATATTGGTTAAATAGTCAATCTGAGGCAGAAAGTAAACAAGCAAAAG
TCACTTTTGGAGGCTTTTTAACTGTGTAAACCTGAAATTATGACTATTTCCCGGATTA
TGCACCCCGTTTCAAGTTTGAAGGCGGGACCATATGTTAGGAGGGCGGTGCCCTCCCAG
GTTCTGTTCCGTTTGTGCTTGTGTTGGTGGGCGCGGTCTCTCCGCGTGTGTGCCGCGCGG
GGGGGCGGGGGGGGGGCTTCTGGGGGCGCGGTGCGTGGCGGGCGGGTGCAGGGGGGT
GGGGNTTCCCGGGTGCAGGGGGCTGGGCGCGCGCGGCGGCGCGCGGGGCGCGGGG
GCGGTGCGCGCGCGCGCTGGGTGGCGCGCGCTGTGGGGGCGCGGGCGCGGGTGCT
GCCCGCGCGGGGGGTGTGGCGCCCCCAACGAAAAAAAAGAAA
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Restriction Sites:

NotI-NotI

ACCN:

NM_022106

Insert Size:

4000 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:	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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>NM_022106.1, NP_071389.1</u>
RefSeq Size:	3825 bp
RefSeq ORF:	1152 bp
Locus ID:	63939
UniProt ID:	<u>Q9NTX9</u>
Cytogenetics:	20q13.33