

Product datasheet for **MC205990**

Fam126b (NM_172513) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam126b (NM_172513) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam126b
Synonyms:	C130065N10Rik; D1ErtD53e; D630010C10
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC068302
GGTAGGAAGCCTGAGGCTGCGGGGTGACAGAATTGGAGAATATTTAACTCTCAACAAATGAATCCACAC
TTGAACTCTGCCATTCTGTGCCACCTCCTCCTTTAGAAAACCTGATCCTAAGACAGAGATAAAAGAAG
AATAGAAGGTAAGGAAGATGCTGGGATCGGAACGAGCTGTTGTGAAGAATGGTTATCAGAATCAAGG
CATTACCTGACACTCAGATTACAGTTATGCAGCAACCTTGCACCGGAAAAAAGCCCTGTACCAGCTCT
CTATAAAGTTATTAGGATTCAAACAATGAGCTCCTGGAGCCTGTCTGCCACCAACTGTTTGAGCTCTAT
CGTAGCTCTGAAGTTCGACTTAAGAGGTTCACTGCAGTTCTGCCCCGAATTGATTTGGGTTTATTTGC
GACTTACAGTTAGTAGAGACAGGCAGAGCAATGGCTGCATTGAAGCACTTCTCCTAGGAATTTATAATTT
GGAAATGCTGATAAAGATGGAAACAATAAAGTGTCTTTCACTATCCCTTCTGTCTAAGCCTTCA
ATATACCATGAACCCTCAACAATTGGATCCATGGCTTTGACAGAAGGGCATTATGTCAGCATGATCTCA
TCAGGGTTGTTTACAGTGATCTTCATCCTCAGAGAGAAACATTCCTGCACAGAACCGGTTTGAAGTCT
AAGTTTTCTCATGCTGTGCTATAATTACAGGATTGTGTATATGCCTGCATCATCTTACCAATCTCTTGT
CGGATGGGTTCCAGGGTTTGCCTGAGTGGGTTTCCACGACAACATGAGAAACAGTGGAAAGGAGCTGTG
GTCGAATTGTATTAGATCCCGAATTTATGGTGGGACTTCTCACAGGAGTTTACTATGCCATGTATAATGG
ACAGTGGGACCTTGGCCAGGAAGTACTTGATGACATCATTTACAGAGCTCAGCTAGAACTCTTTTCTCAG
CCACTCTTGGTGGCAATGCCATGAAAAATTCATTACCATTTGATGCACCTGACTCTTCAACAAGAAGGCC
AGAAAGTACTTAAAGTGGAAAGTCACTCCAACAGTGCCGAGAATTTCTCGGACTGCAATTACAACAGCTTC
AATTCGTCGTATAGATGGAGAAGAGAAGGTGCTGAGGGTCTAAATGGCGGAGAGGAGTCCCTTAAACATG
AATGATGCAGATGAAGGATTTTTCATCAGGGGCTTCTCTTAGCAGCAACCACATGGGACCAACCACCT
CCTCTTCTCAGCGGGAAAGCTTGCAGAAAGTAGCAACTGGGCGTTCCGCCAAAGACAAAGAAACAGCATT
AGCCATCAAATCCAATGAGAGCCCTCGAGATTCAGTAGTTGAAAAGCAGTTTGTACAACAACAAGCAGAT
CTCAGCATAGATTGAGTTGAGCTGACACCGATGAAGAAACACTTGAGCCTGCCTGCAGGCCAGGTGGTGC
CAAAAACCAATAGTCTGAGTCTAATCCGGACAGCCAGTGTCTCCTCAAGTAAATCTTTGACTATGTAAA
TGGCGGTCAAGCAAGTACCAGCATTGGGGTTGGCACTGAGGGAGTTACTAATCTAGCAGCTACAAATGCT
AATCGATATTCAACTATCAGTCTACAAGAAGACCGGCTAGGTCACGCTGGTGAAGGTAAGAGCTCTCA
GCCAGGAGCCCCCTTAAACCAAGCAGTCTCGATCCCCAAGTTTCAATATGCAGCTAATATCCCAGGTGTA
GTTCTGATGCCCTTGTCTGCTAACCTTCTACTGAACATTTTCATTGTGCAAGACACGTCATCCCGCA



[View online >](#)

```

TTGTGAAAAGATGTCACCTGTCATCAGATTTGACTTAGCTTAGGTATCTCATACTGTATTTTGTATGGAAA
CAGCAATAAGGTTTTCTTTCTTTCTTTTAACTCTCTACCTATTCCCTTAAATGTGTTTGTGAAGCAG
TGTA AACGTTTGCCTTTCCATGCCTTCTTTCTCTGGGTGATGTGTAATCCATCGTAGGCTGATCG
GTCCCATTTCAACTGTGAGACTGAGGAGATGTCGAGGAAATGGTGTATAAGATCCCTATGAAATGATT
CTTTGGCTTTTGTAAAAACAAAACGGGTTTGTTCACATAATCTATGAACTATGAAGATAACTGGATCA
TATGTTTTCTCTAACCAGGAGTGCCTCAGAGATTCTGCTATGACTTTGGGCTTCTCTGAGCCTGTGCA
ATTTTATATTCTTGGGAAGCATGGGGAAAGTGGTAGACTACTGCAATTTTTTTTATAAAATGAGGCTAA
CTGCCCCCTTACTTTATCCCAAGGACACAAATGTTAATTATTGAGGCATTTAAATCAATTTGTGACCA
CCTCCATTGGAGGGTAGGGCTCTAAGTTGATTGTGTGATTGATAATGCACTTTCTCAATGGCTCTAGT
CATTAACAACAGGTCTTCCCTCCTCCACAAGGACTTAAGGACATTTCTGCCCTTAAAGTTTGAACATAAC
AAATCAGAGACTCAAAGGGCGTGTCTATTTCCAGGAATGATTGATATTATGGTGCTGGGCTTTGTT
GGGGGAAGGGTGTGTTTGTAGTTTGTGTGAGATTGTAATGAGGTGAAGTTATAATTGTTTTCTTTC
TTCCTTTCTTTGTGAGTTGGTGTGACTGAAGTAGACTGTACGTCTCAGGTAAAGAGAGGGATTTTC
TCAGTCCACTCTCTGAGATATCAGACTAGAGAAACCTTTGAGCTGCTTCTAGATGTACCTAGATTCAG
TCAGATATGGGATACAGAAACCTAAAGTCTGAGATCATATACTCCAAGGAAACACATCAGGGACAGGTG
ATTGGTTGAAAACACTGATGCTTCTATGTGACACATTTGTATAGAACATTTCTACCAGAGGGTACTGACT
TGATTGCTCTACAAGGACCACACTGCCTTTGTGTTTATTGCAGTTTGTGTATCTTCTGATTATCTGCAAA
GTTTCTCGTTTTATAAAACGTTGAAATCATGCCAGTAACTAGATGTTGAATGTAATGAGTAGCATT
GGTAACTGCTAAGAGGCTACAAAATGCATTATTAGTTTAAAGGATTTTTGTTGTGATTTGGTTGGATAA
GACTTTCTTATAATCTCTTCTGGGTCTCAGGCTTTGTTGAAAAAGAAGGAATATATTAGGATTTTAAA
AATCAGTATTGTGTGACTTCAATTGCTATGAATTACCCATCTCAAGAATCAGTTACACACACCCTTGT
ACATGTAGACATTTTATGTATTGTGAATGAAAATTACTGCCTATATAGGAAGCAAGTGCCTCTTAAT
TGACAAAAGTTGTTTTATCTCTATTTACCGTAAAATTTGATAAAATTAATAGCCAGGAAAACGCCTCTTT
TTTTTTTTCATACATAAACACCACATTTTTGGAGGAGTTGTCTATCTGTCCATCTGTCTGTCTGCATTGTG
TTAGAATAATCCTTAATTAGATTTGATAGTTTATAACATTTTTTTCAGCTCCAGCAAAATAGGGAAGTAA
CCTCAGCTATTATCCACATCATTGCCAACTTTGGAGTAAAAGTAAAAGCTGAAATGTGATCTATTGATT
GTTTATAATATGCGTATGATATGTGTATCCATTTATCACAGACACATTTTAGCCCTATTTCTACTAATTT
AACTAAGAGATATCAAGTAACTTAAAAGAAAAAGAATTGTAATAATAGTAAAATAAAATGTTTTGTAA
CCTACTGAACAGAGAGGCTTTGTGGTGCATAAGGAAGGTATCAGTCTTAGATGGCAAAGCAGCCTACTT
CATGCTGGAGCTCACAGGCGCACATGTAACAGACTGGCATTAAACCAAGCATTTTAAATAAAGCACAAG
AGAATACCAAATAACTTGAAGTATAGCATAAACTGTTGTAATATGAGAAAAATCTTTTGATTAGAAA
CATCATAACTGAAGAGTTGGTTTAAAGAATCAGGAATGGTGGCATACACCTTGAATCCCAGCACTCCAGAG
GCAGAAGCAGGTGAATCTCTGAGTTCAAGGCTGGCCTGGTCTACAGATGGAGTTCTAGGACAGCCAGGGC
TACACAGAGAAGGCTGTCTCAGAAAAGAAAAAAAAAAAAAAAAAAAA
    
```

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_172513
- Insert Size:** 1593 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.

RefSeq: [BC068302](#), [AAH68302](#)

RefSeq Size: 4176 bp

RefSeq ORF: 1593 bp

Locus ID: 213056

UniProt ID: [Q8C729](#)

Cytogenetics: 1 29.12 cM

Gene Summary: Component of a complex required to localize phosphatidylinositol 4-kinase (PI4K) to the plasma membrane.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) lacks an alternate in-frame exon compared to variant 1. The resulting isoform (b) has the same N- and C-termini but is shorter compared to isoform a. Variants 2 and 3 both encode the same isoform (b). Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.