

Product datasheet for **MC206096**

Aph1b (BC079659) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aph1b (BC079659) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aph1b
Synonyms:	2310057K14Rik; Aph1c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC079659

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CGCCACCCAGCCCCGCCGATCCAGGACCCGCTGTCCATTGGGCACTGCAGGGCCCTCGGGCCCCCGC
GACTGGCTCCCGAGGTCGTCATGACGGCTGCGGTGTTCTTTGGTTGCGCCTTCATCGCCTTCGGGCCCGC
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ACCCTAATGGTACAGGGTAAAGTTGGAGATAGACCAAATTTCAAGCTGGCATGGAACTTTTTCATCTTCAG
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TATCATTTCTCTGTATTCAGAATCAATTTGGCACAAAGATGTTTCTTGTGGCTTCTTAATCCAAGTAAAA AAAAAAAAAAAAA

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Restriction Sites:

Ascl-NotI

ACCN:

BC079659

Insert Size:

774 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: [BC079659](#), [AAH79659](#)

RefSeq Size: 4072 bp

RefSeq ORF: 774 bp

Locus ID: 208117

Cytogenetics: 9 C

Gene Summary: Probable subunit of the gamma-secretase complex, an endoprotease complex that catalyzes the intramembrane cleavage of integral proteins such as Notch receptors and APP (amyloid-beta precursor protein). It probably represents a stabilizing cofactor for the presenilin homodimer that promotes the formation of a stable complex. Probably present in a minority of gamma-secretase complexes compared to APH1A (By similarity).[UniProtKB/Swiss-Prot Function]