

## Product datasheet for **MC203708**

### Apba3 (NM\_018758) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Apba3 (NM_018758) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Apba3
Synonyms:	AW208791; lin-10; Mint-3; mint3; X11gamma
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC009666  
 CCGGTTCCAAAGCTGGGATCCCAGAGAGCTGCTGACTCTTCTGGAAGGACGGGCGGACCGTCCGGACAAT  
 CCTGCCCGGGCCGGAGACACAGGCCCATGGGGATGGAATCTGTACCTGTAGGACCATGGCTTGCCCTAC  
 GAGATCCACACTCAGAGCCCTCATCTTCCAGCTTGGTGACAAATGCCGGCCTGAACCTGGGTCTCAGACAT  
 GGAGTTCTGCCAGGACCCAGCATCCCCAGGGCCCCAACCATGGACTTGGAGGAGCCAAAGGCCCC  
 GAGGTGCCCTCTGAGAACCACCCTCTAACACCCAGTCGGCCTTAGGGCCTGGAGGCCCTGTCACCCTGA  
 GTGAGATGGAGCTGGACACATCCAGTGTGCAGGAGCTGGTTCAGCAGCTAGAAGCTCTACCCAGCGACCT  
 GGGTGGCCCATCCAGATGGAGCCCCCTGTCCCCTGCACATTGCTACCGCCAAGGACTTGCCACCCAG  
 GAGAACCAGATGCTGGTGGGCTCTTGTGCGCCGAGGCAGGCGGGGACGACCTTCTGGGTCTGCTGAGGG  
 ATGAGGCCTCTTCGCTGCCAATCTGTCCCCAAGATCTGCACAGACTGCACCCCGCCTTCTGCAGCC  
 GCCAGAGGACCTGATGGGGACCCGGATGGATGGAAGGGGCATCAGCAGAGCCAGCAGACAGCAGGAGC  
 TCCAGCAGTTCCCGGAGCCCTGGCTGGAGACAGACCCCTGGTGACACAGCAGGAACCACCTGTGGGTA  
 CCCAGAGCCGGGAGACCTGGCCTCGTGCCTGCCGTACCGAGGTCCAGGTCCCTGTGGGCCGGAGGA  
 GCTCATGGATGGTGTATCTTCCGGGGCAAATACCTGGGCTCCACCCAGCTGCTGTGAGAGCGAGCCCG  
 GCGCCACGACACGCATGGGGCAGGCGCAGGAGGCCATGGACCGGTCAAGGCCCTGAAGGCGAGACCC  
 AGCCCATGGTGAAGTGACATCTTATCTCCACCAAGCGTGTCAAAGTGTGGCTGCTGACTCCCAGGA  
 TGCCCTGATGGACCATGCCCTGCAGACCATCTCTACATCGCAGACATTGGGCCTGTACTGGTCTTGATG  
 GCCCGGAGGCGGCTGGCCAGGAGGACAACCTCCCAGGACCGCCAGCGGCGACTCTACAAGATGCTGTGCC  
 ATGTCTTCCACTCAGAGGATGCCAGCTCATAGCAAGCCATCGGCCAGGCCTTCAGCATCGCCTACAG  
 CCAGTTCTACAGGAGAACAGGATCGACCCAGCCAGGTGGGCACGCAGCCCTCAACCGCTGCCAGCCAC  
 CCGCACAACGGCGACCTGGACCACTTCTGCAACAGCCAGAAGTGTAGGGAGGTTTGCATCCAGAAGCGGC  
 CAGGTGAAGCCCTGGGCGTCGCGCTAGTTGAATCAGGCTGGGGCTCGCTACTGCCACTGCGGTCAATTGC  
 CAACCTGCTCCATGGGGGCCCTGCCAGCGCTCGGGGCCCTGAGCATAGGGGACCGCGTCACTGCCATC  
 AATGGAACCAGCCTGGTGGGGCTGTGCTGGCTGCCAGGCTGCGGTGCGCGAGGTGCGGCGACTTT  
 CATCCGTGACGCTGAGTATTATCCACTGCCACCGGTACACACGCGCTCATCCCGGCCCCACGTGCG  
 CGAGCAGCTGGGCTTCTGTGTGGAGGATGGAATCATTTGTAGCCTGCTGCGTGGGGCGCTGCTGAGCGT  
 GGTGGAGTCCGCGTTGGACACCGCATCATTGAGGTCAACGGGCAGAGCGTGGTGGCTATGCCCCATGCGC  
 GCATCATCCAGCTGCTCACAGAGACAAGAGAAATCCACATCAAGACCATGCCAGCTGCCACCTACCGACT  
 GCTCACGGGACAGGAACAACAGTATACCTATGACTGCCCCACCCATGTGTGCCTTCATCCCTGCCACCG  
 TCACTCCTTCACTGGCAGGGACCAAGAGTCTCAGTCTTGATTATTTTCTAATAAAAAATTTTTTT  
 TAAAGATTTAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_018758

**Insert Size:** 1716 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:** [BC009666](#), [AAH09666](#)

**RefSeq Size:** 2056 bp

**RefSeq ORF:** 1716 bp

**Locus ID:** 57267

**UniProt ID:** [O88888](#)

**Cytogenetics:** 10 C1

**Gene Summary:** May modulate processing of the amyloid-beta precursor protein (APP) and hence formation of APP-beta. May enhance the activity of HIF1A in macrophages by inhibiting the activity of HIF1AN (By similarity).[UniProtKB/Swiss-Prot Function]