

Product datasheet for **SC314068**

Mint3 (APBA3) (NM_004886) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Mint3 (APBA3) (NM_004886) Human Untagged Clone
Tag:	Tag Free
Symbol:	Mint3
Synonyms:	MGC:15815; mint3; X11L2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC314068 representing NM_004886.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGACTTCCCCACAATTTCCCGATCCCCTTCGGGGCCTCCAGCCATGGACTTGGAGGGGCCAGGGAC
ATTCTTGTGCCTTCGGAGGACCTCACCCCTGACAGCCAGTGGACCCTATGCCAGGAGGCCCGGCAGC
CTCAGTCGGATGGAACCTGATGAGTCAAGCCTTCAGGAGCTGGTGCAGCAGTTTGAAGCTCTGCCAGGC
GATCTGGTGGGCCATCCCCAGGTGGAGCCCCCTGTCCCCTACACATTGCCACAGGCCATGGCCTGGCC
TCCCAGGAGATTGCTGATGCCACGGGCTCCTGTCTGCCGAAGCTGGCCGGGATGACCTGCTGGGCCTC
TTGCACTGCGAGGAATGCCCGCCTTCCAGACTGGTCTGAAGAGCCTCTAGAGCCTGCCCCCGACTG
TTGCAGCCCCCTGAGGACCCAGATGAGGATTCTGACTCCCAGAATGGGTGGAGGGGGCCTCTGCTGAG
CAGGAGGGCAGCAGGAGCTCAAGCAGTTCGCCGAACCCTGGCTGGAGACGGTGCCTCTAGTCACACCT
GAAGAGCCACCCGCTGGTGCCAGAGCCCCGAGACCCTGGCTTCTACCTGCCCCAGGAGGTGCCT
GGTCCCTGTGACCATGAAGACCTCTGGACGGTGCATATTTGGGGCCAGGTACCTGGGGTCCACCCAG
CTGGTGTGCGAACGGAACCCGCCACCAGCACGGCATGGCCAGGCCCGGGAGGCCATGGACCCGGTC
AAGGCCCCCGATGGGGAGACCCAGCCCATGACGGAGGTGGACCTGTTCTGCTCCACCAAGAGGATCAAG
GTCTTGACAGCGGACTCCCAGGAGGCCATGATGGACCACGCCCTGCATACCATCTCTACACAGCCGAC
ATCGGCTGCGTGTGGTGTGATGGCGCGGGCGGGCTGGCACGGAGGCCGGCACCCAGGACCAGGC
CGCCGCCTCTACAAGATGCTCTGCCACGTATTCTACGCGGAGGACGCCAGCTCATCGCCAGGCCATT
GGCCAGGCCTTCGCCCGCCCTACAGCCAGTTCCTACGGGAAAGCGGTATTGACCCAGCCAGGTGGGC
GTGCACCCGAGCCAGGCGCCTGCCACCTCCATAATGGGGACCTGGACCATTCTCCAACAGTGACAAC
TGCCGGGAGGTGCACCTCGAGAAGCGGGGAGGGGAGGCCCTGGGCGTGGCCCTGGTGGAGTCGGGCTGG
GGCTCCCTGCTGCCACAGCCGTATCGCCAACCTGCTGCACGGGGGGCCTGCTGAGCGCTCGGGGGCC
CTCAGCATCGGGGACCGCTGACCGCCATCAACGGGACCAGCCTGGTGGGGCTGCCCTGGCTGCGTGC
CAGGCCGTGTCCCGAGACGAAGTCGACAGCGTGGTGACACTCAGCATCGTCCACTGCCCTCCCGTC
ACCACCGCATCATCCACCGGCCCCAGCCCGGAGCAGCTGGGCTTCTGCGTGGAGGACGGCATCATC
TGCAGCCTCCTCCGTGGTGGCATCGCCGAGCGTGGGGCATCCGCGTGGCCACCGCATCATTGAGATC
AATGGGCAGAGTGTGGTGGCCACGCCACACGCCCGCATCATCGAGCTGCTCACCGAGGCCTATGGCGAG
GTGCATATCAAGACGATGCCAGTGCCACATATCGCTCCTTACAGGCCAGGAGCAGCCCGTGTACCTG
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_004886
Insert Size: 1728 bp

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

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_004886.3](#)

RefSeq Size: 2158 bp

RefSeq ORF: 1728 bp

Locus ID: 9546

UniProt ID: [O96018](#)

Cytogenetics: 19p13.3

Domains: PDZ, PID

MW: 61.5 kDa

Gene Summary: The protein encoded by this gene is a member of the X11 protein family. It is an adapter protein that interacts with the Alzheimer's disease amyloid precursor protein. This gene product is believed to be involved in signal transduction processes. This gene is a candidate gene for Alzheimer's disease. [provided by RefSeq, Jul 2008]