

Product datasheet for **MC224578**

Abca3 (BC079617) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abca3 (BC079617) Mouse Untagged Clone
Tag: Tag Free
Symbol: Abca3
Synonyms: Abc3, ABC-C
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >BC079617
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGCAGTGCTGCGGCAGCTCACCTCCTACTCTGGAAGAACTATACCCTGAAGAAACGGAAGTTCTAG
TGACAGTCCTGGAGCTCTTCTGCCCTGCTGTTTTCTGGGATCCTGATTTGGCTTCGTTGAAGATCCA
GTCGGAGAATGTCCCAATGCCACTGTTTACCCGGACCAGTCCATCCAGGAGCTGCCCTGTTTTTCTCA
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CGGAGACGGTGAAAAGGGAATTCATGATCAAGATGAGAGTGCACGGCTTCTCCTCTGAGAAGGACTTCGA
GGACTACATTCGCTATGACAACCACTCCTCCAGCGTGGTGGCAGCTGTGGTATTTGAGCAGACTTCAAC
CACAGCCAGGACCCCTGCCGCTGGCGGTGAAATACCACCTGCGCTTCAGTTACACACGAAGAAATTACA
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GCTGTGGTGCAGGAGAAGGAGAAAAAACTAAAGGAGTACATGCGCATGATGGGGCTTAACAGCTGGCTAC
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CTGGTACGTGGAGGCTGTCTTCCAGGCCAGTTTGGCGTACCCAGCCCTGGCACTTCTTCTTATGCC
TCTACTGGTGTGGGAACCCAAGAACTGTCGTAGGGAAGGAAGGGAAGGCAGCGACCCAGAGAAAGCTC



TCAGGAACGAGTACTTTGAAGCCGAGCCAGAGGACTTGGTAGCTGGAATCAAGATCAAGCATCTCTCCAA
 GGTGTTCCAAGTGGGCAATAAGGACAAGATGGGCATCAGAGACCTGACCTGAACCTCTACGAAGGACAG
 ATAACAGTCTCTGGGCCAAATGGTGTGGGAAGACCACGACCATGTCTCTGTGACAGGCCTTTCC
 CCCCTACCAGTGGACATGCTTATATTATGGGTACGAAATTTCCCAAGACATGGCTCAGATCCGCAAGAG
 TTTGGGCTGTGTCCCAGCATGATGTACTGTTGACAACCTGACAGTTGCCAACATCTTACTTCTAT
 GCACAGCTGAAAGGCCTCTCTCCAGAAGTGTCTGAGGAAGTCAAGCAGATGCTACACATCCTCAGCC
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 GTGAAGTTAGAAGAACTTCCAGAACCTTAGATCATGTGTTCTTGGTGTGCCAAACCACTGCCTGGGGA
 TGGCGGTGAGCAACTTCTATGAGAACTATGAGACTCGGCATGACTGCACTTCTCAGAGCTTGTGCCAA
 CACTACTGCAAGAAGTACAACATCCAGTACCAGGAGAGCTTCTATGCCTGGAGCACCCAGGCGTGGGCAAG
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 AACCAACATTCAAAATGCTGACTGGGAGGAGACCACCTCAGGGGATGCCTTTGTTGGTGGTTAC
 AGCATCAGTTCTGACATCGGAAGGTGCGGAGCGGATGGGCTACTGCCCCAGTTTGTGACTGCTTG
 ATCACATGACTGGCAGGAGATGCTGGTTATGTATGCACGGCTCCGAGGCATCCCAGAGCGGCTCATCAA
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 ATGAGCCATCGACCGGCATGGACCCAGTGGCCCGGCTACTCTGGGATACTGTAGCCCGGGCCGAGAG
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 ATCATGGTACAGGGCCAGTTCAAGTGCCTGGGAGCCACAGCACCTCAAGAGCAAGTTTGGCAGCGGCT
 ACTCCCTGCAGGCCAAGTCCGGAGCGAGGGGAAGCAAGACGCGCTAGAGGAGTTCAAGGCCTTTGTGGA
 CCTGACCTTCCAGGCAGCATCCTAGAAGATGAGCACCAAGACATGGTCCATTATCATCTGCCTGGCTGT
 GACCTCAGCTGGGCCAAGGATTTGGTATCCTGGAGAAAGCCAAGGAGAAGTATGGAGTGGATGATTACT
 CTGTGAGCCAGATCTCCCTGGAGCAGGCTTTCTGAGCTTTGCCACCTACAACCCCCACCACTGAGGA
 TGGCCGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: BC079617
Insert Size: 4350 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:	<ol style="list-style-type: none">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:	<u>BC079617</u> , <u>AAH79617</u>
RefSeq Size:	5228 bp
RefSeq ORF:	4349 bp
Locus ID:	27410
Cytogenetics:	17 A3.3
Gene Summary:	Plays an important role in the formation of pulmonary surfactant, probably by transporting lipids such as cholesterol.[UniProtKB/Swiss-Prot Function]