

Product datasheet for MC224885

Abca17 (NM_001031621) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abca17 (NM_001031621) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abca17
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC224885 representing NM_001031621 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGGTGTTGAAGAAATTAACCTCTCTGGAAGAATTCATCTTAAGAGGCGGAAGACTCTGA
TAACTCTCCTGGAAATGTTGATGCCATTACTGTTTTGTGCAATTGATTATATCTCCGTTTGAATAGTAT
GCCAAGAAAGAAGTCATCTACCAACTACCCGGCAGTTGATGTCAGTTTACTGCCAGTATACTTCTATAAC
TATCCTCTGAAAAGTAAATTTTCAGTTGGCTTATATCCCTTCCAAAAGTAAAACCTTAAAAGCTGTCACTG
AAGTGGTGGAGCAAACCTTTGCTGTTGACTTTGAAGTTCTAGGCTTTCCTTCAGTGCCTTTATTTGAAGA
CTATATAATTAAGGATCCCAAGTCTTTCTACATACTGGTGGGAATTAATTTTTACCATGACTTCAATAGC
AGCAATGAACCTTTGCCACTTGTGGTGAAGTATGACTTGCCTTTAGTTATGTTTCAGAGGAACCTTTGTAT
CACCGCCGAGGCATTTATTTTTCAAGAGGAGATAGAAGGCTGGTGCACAGCCTTTCTTTACCCACCTAA
TCTAAGCCAAGCGCCCGGGAATTTTCATATGCGGATGGAGGAAACCTGGCTACAACAAAGAAGGCTTC
CTGGCCATACAGCATGCCGTAGACAAAGCGATTATGCGGCACCATGCCCCAAAGCAGCACTTAACATGT
TCAAGGATCTCCACGTCTGGTGCAGAGATTCCCATTTGGGCCCATATCCAGGACCCATTCTTAGTGAT
CCTTCAGAATGAGTTCCTCTGCTCCTCATGCTCAGTTCATCTGTGTTGAGCTCATAATACCAATTCC
GTTTTGTGCGGAGAAGGAGAGGAAACAGAAGGAATATATGAGTATGATGGGAGTGGAGAGCTGGCTGCACT
GGTGTGCTGGTTCATCAGTTTTTTCATTTCTGTCTCAATTAAGTCTTTCTGTTATGACCGTACTTTTTTG
CACAAAGATAAACAGAGTGGCTGTGTTTCAGGAACAGTAACCCCTACCCGTATTTATTTTTCTAATGTGT
TTTGCCATCGCCACAATTTTCTTTGCATTCATGATGAGCACATTCTTCCAAAGAGCCACGTAGGAACTG
TGATAGGTGGCACTGTCTTCTTCTCACTTATCTCCCTACATGTACATCACTTTTCAGCTACCACCAGAG
GACTTACACCCAGAAGATACTCTTGCCTCTTCTCCAATGTTGCCATGGCAACGGGAGTCCGGTTCATA
TCTCTGTTGAAGCAGAAGGCACAGGCATCCAATGGAGGAACATAGGCAGTGTCTGGGAGACTTCAGT
TTGCTCAGGTGCTGGGGATGCTCTTGTGACTCCTTTTTGTACTGTCTGATAGCCTTTTTGGTGGAGTC
TCTCTTCCAAGAAAGTTTGAATACAGTAAGTCTTGGTACATCTTTGCCAAGAAGCCCTTCCAGAGATA
CCGCCACTTTTGAATATTGGGGATCCTGAGAAACCGTCAAAGGGAATTTTCATGCAAGATGAGCCAAACA
ATCAGATGAACACAATTGAAATCCAACATCTGTATAAGGTGTTCTATTCCGGAAGGAGTAAACGTACAGC



[View online »](#)

CATCAGAGATCTGAGCATGAACCTGTACAAGGGCAGGTCACTGTTCTTCTGGGACACAACGGAGCAGGG
AAGACCACCGTCTGCTCTGTTCTGACAGGTCTCATTACTCCATCAAAAGGACATGCATATATCCATGGAT
GTGAAATTTCAAAGACATGGTTCAAATTAAGGAAGAGCCTGGGCTGGTGGCCACAGCATGACATTTTATT
TGATAACTTTACAGTAACTGACCACCTTATTTCTACGGTCAGCTGAAAGGTCTGTCTCCTCAGGACTGT
CACGAGCAAACCCAGGAGATGCTGCATCTGCTTGGTCTGAAGGACAAGTGGAACTCAAGGTCCAAGTTCC
TGAGTGGGGCATGAAGCGCAAGCTCTCCATTGGCATCGCCCTCATAGCGGGCTCAAGGTGCTGATTTT
GGATGAGCCCACTCAGGCTGGACTCCCCTCCAGGAGGGCCATCTGGGACCTTCTCCAGCAGCAGAAG
GGTGACCGCACCCTCTGCTGACCACTCACTTCATGGACGAAGCTGACCTGCTGGGAGACCGCATCGCCA
TCTTGGCCAAGGGGAGCTCCAGTGCTGCGGGTACCATCGTTCCTCAAGCAGAAATACGGTGCAGGATA
CTATATGACTATAATAAAAAACCTCTCTGCGACACCTCAAAGCTCTCTGAAGTAATTTATCACCACATA
CCGAATGCAGTTTTGGAGTCCAACATTGGAGAAGAAATGATAGTCACACTTCTAAGAAGACCATACACA
GGTTTGAGGCTCTATTCAATGACTTGGAACTGAGACAGACAGAGCTGGGAATCTCTACTTTTGCCACCTC
TGTAACCACTATGGAGGAAGTTCATACGAGTTTGAAGTTGGCTGATCCAGCACAAAATGTCTTAACC
GAGAAGCGACACTCTCTCATCCTTCCCGGCATCACAGAGTCTCTGTTGACAGAATTAATGTCTCC
ACTCAGGGACCTCCCAGTGAGCACTGAACAGCCAATGAGACTAAATACGGGCTTCTGTCTCTCGCCA
ACAATTCTACGCCATGCTCTGAAAAAGATCACGTATTCTCGGCCAACTGGATGCTGGTCTCTCGGTG
CAGGTTCTGCTGCCGCTGGCGATCATTATGTTAAGCCTCACCTTTTTAACTTCAAATTAAGGAACTGG
ATAACGTGCCACTGGAGCTGACTTTACAACGTACGGCCAGACCATTGTTCCATTTTTATTGCCGAGAA
TTCTCACCTGGACCCTCACTTTTCAGATGACTTTGTAATAAGTCTGTGGCCGAGGGCAGGTTCTTTG
CGTATTCAAGGTTCTGTAGAGGACTTCTCCTGAAGAAGGCAAAGGAGGCTCCTGAGGGCTTTGATAAGC
TCTACGTGGTGGCAGCTTCTTTGAAGATGTGAATAACCACACGACAGTGAAGGCGCTGTCAACAACCA
GGCCTACCCTCCCAGCCTGGCTCTGACTCTGGTGGACAATCTCTCTCAAGTTGCTTTCTGGAGCC
AATGCTTCCATTACCACAACCACTAATCCTCAGCCTCAGACAGCCATCGAGGTCTCAGAGTCAATCCTGT
ACCAGGGCCCTAAAGGACACTACCTTGTGCACTTTCTTTTTGGAATAGCTTTCTGTCAAGCTCCTT
CTCCATCTTGACAGTCGAGAGAGAAGAGCGTTAAGTCTAAGAGCCTCCAGTTTGTGAGTGGAGTCAGCAG
GCTGTGTTCTGGCTCTCAGCTCTGCTGTGGGACCTCATCTCTTTCCTCGTTCCTACTCTGCTGCTGGTGT
TGGTGTCTGTGGTATAAGGAAGAGGCTTTTGCACACCAGAGAGCATCCAGCGGTGGTCTTGATAAT
GATGCTCTACGGCTGGGCTGTATCCCTTTGGTGTACACGGTCAGCTTCTCTTTAACACTCCTGGCAGT
GCATGTGTGAAGCTCGTGGTGTGCTCACCTTCTGAGCATCAGCCCTGGTCTCTGTCACCGTCACCA
GTGAGAAAAGATCTGGCTACACGGAACCTCAGACTCCTGGATCATATTTCTAATTCTTCTGGACA
TTGCCCTGGGAATGGCCTTGCCAACCTGTACTATAACTTTGAGCTGAAAAAGTTTGCAGTGCTAAGAAC
TTGAGTGATATTGACTGCAATGATGTTTTAGAAGGATATGTGGTCCAAGAGAACATCTACCCCTGGGAAT
CTCTGGGGATAGGAAAGTACCTGACAGCCCTGGCCGTCTTAGGACCTGTGTACATCACCATGCTTTTCT
CACTGAAGCCAATGCATTCTATGTACTGAAATCCAGGCTCTCTGGCTTCTTCCCTTCTTCTGGAAGGAA
AAATCGGGAAATGATCTTTGATGTAGCAGAACCTGAAGATGAAGATGTTCTGGAGGAGCGGAAACCATCA
AGCGTTATTTGGAACGTTAGTAAAGAAAAACCGCTTGTGTTAAAGAAGTGTCAAAGGTCTATAAAGA
CAAGGTACCCCTGTTGGCTGTGAACAAGGTGCTCTTGTGTTAAAGAAGAAGATGCTTTGGCCTTCTT
GGTCTCAATGGAGCTGGGAAGACTTCCATTTTCAACATGCTGACCAGCGAGCAGCCATCACCTCTGGGG
ATGCCCTTGTCAAGGGTTTCAACATCAAGTCTGACATAGCGAAGGTGCGGCAAGTGGATTGGTTACTGTCC
TGAGTTTGATGCCTTGCTAAACTTCATGACAGGACGAGAGATGCTTGTATGATGCCCGTATCCGGGGC
ATCCCTGAATGCCACATTAAGCCTGTGTCGACCTGATCCTTGAGAACTACTCATGTGTGTGTGTCAG
ACAAGCTGGTGAAGACCTATAGTGGTGGTAACAAGCGCATGCTAAGCACTGGCATTGCCCTCGTTGGAGA
GCCTGCAGTATCCTGCTAGATGAACCGTCCACTGGCATGGACCTGTGGCTCGGCGCCTGCTGTGGGAC
ACTGTGGAACGGTCCGTGAGTCTGGCAAGACCATCGTCATCACCTCCCACAGTATGGAGGAGTGTGAAG
CCTTATGTACCAGGCTGGCCATCATGGTACAGGGCAGTCAAGTGCCTGGCAGCCACAGCACCTCAA
GAGCAAAATTTGGCATCAGCTACTCCTGCAGGCCAAGGTCGGAGGAAATGGCAGCAGCAGATGCTAGAG
GAGTTCAAGGCCCTTGTGGACCTGACCTTCCCAGGCAGCAATTTGGAAGACGAGCACAAAACATGCTTC
AATATTACCTGCCTGGCCAAACCTCAGCTGGGCGAAGGTGTTTAGCATTATGGAACAAGCAAGAAGGA
TTACATGTTGGAAGACTACTCCATCAGCCAGCTATCCCTAGAGGACATCTTCTGAACTTACCAGACCA
GAGTCTCCACTAAAGAACAGATCCAACAAGAGCAAGCTGTCTGGCCAGCCCTCACCACCCTCTAACT
CTAGGCCATCTCGAGTCTCCATCACGTCTTCTTCTCGGACTCCCAAACCACTTCCATCCCCACCTCC
CTCAGAGCCATCCTTCTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001031621

Insert Size: 5202 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: [NM_001031621.2](#), [NP_001026792.2](#)

RefSeq Size: 5202 bp

RefSeq ORF: 5202 bp

Locus ID: 381072

UniProt ID: [E9PX95](#)

Cytogenetics: 17 A3.3

Gene Summary: Promotes cholesterol efflux from sperm which renders sperm capable of fertilization (PubMed:22237709). Has also been shown to decrease levels of intracellular esterified neutral lipids including cholesteryl esters, fatty acid esters and triacylglycerols (PubMed:15810880). [UniProtKB/Swiss-Prot Function]