

## Product datasheet for MC211717

### Abca6 (NM\_001166556) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Abca6 (NM_001166556) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abca6
Synonyms:	6330565N06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC211717 representing NM_001166556 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGGAGCTAAGTGTGCACGTGCGCCAGCAGACCCGCGCCCTTCTGCACAAGATTCTGCTCAAGAAAT  
GGCGGAGGAAGAGAGAGAGCTTATTGGAATGGAGCATACCAATTATTATAGGACTGCATATGGGTCTGTT  
TTCCTACTTGGCAAGAAATATTCAGGTCCTCGAAGTCCCTCCTCAGGATCTTGGAACTAAATGAATTT  
AATGGATCTTCTAGTAGTTGTATATACACCGATCTCTAACATAACCCAGCAGATAATGAACAAAACAA  
CATTTGCTCCAATATGAAAGGAACAAGAATCATCGGGTACCAAGTATAGAAGACTTGGATGAAGTTCT  
TCTGCACAATATACCGGACGCTTATAGGAGTCATCTTAAATGACAGTTTCTTTACCAATTAAGTCCCTC  
AGGATGTATGAAATCCATTTTTGAAAGAGGACTTATTAGCTCATTGCTGGGATACGCATTTCTCAGGCGT  
TCTGTTCACTTTCCAAATACTGGGAAAGAGGCTTCGTAGCTTTACAAACCGCCATTAACGCTGGGATTAT  
AGAAGTCAACAACCACTCGGTGATGGAGGAGCTGATGTCCATCGATGGGATCAATATGAAGACATTA  
CCTTTCATTCTAGAGATCTTTCGGATTACGAAATTTTATCTTGTCTGCTTATTTCTCCTCGT  
TTATATATTTGCATCCAGCAATGTTACTAAAGAGAGAAAACAGTGAAGGAGGTCATGAAAGTCATGGG  
TCTACAAGACTCTGCATTCTGGCTGTCTGGGGCTTAATCTATGTTGGCTTCATCTTTATTTCCATA  
TTCATTGCAATTATCATAACATCTACCCAGATTATAATGATGACTGGTTTCTGGTCATATTTACGCTGT  
TTTTCTTATATGGATTATCCTTGATAGCAGTCACTTTCCTGATGGCTGTTCTGTTGCAGAAAGCTGTCT  
CACAAACCTAATTGACTTTTCTTTACCCTCTTTGGGGTGCCTGGGGTCACTGTACTGCACAAAGAA  
CTACCCCATCTCTGGAATGGGTTCTGAGCATCTTACGCCCTTTGCCTTACATCTGGGATGGCTAAGG  
TAAACACAGAGGTTATTACTGACGCTTCGAATGGAATTAATCCGTGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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Chromatograms:	<a href="https://cdn.origene.com/chromatograms/ja1658_h08.zip">https://cdn.origene.com/chromatograms/ja1658_h08.zip</a>
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001166556
Insert Size:	1167 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"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_001166556.1</a> , <a href="#">NP_001160028.1</a>
RefSeq Size:	1523 bp
RefSeq ORF:	1167 bp
Locus ID:	76184
UniProt ID:	<a href="#">Q8K441</a>
Cytogenetics:	11 E1
Gene Summary:	Probable transporter which may play a role in macrophage lipid homeostasis. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (2) differs in the 3' UTR and coding sequence compared to variant 1. The resulting isoform (2) has a shorter and distinct C-terminus compared to variant 1.