

Product datasheet for **MC200774**

Abcb6 (NM_023732) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcb6 (NM_023732) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abcb6
Synonyms:	1200005B17Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC006634 sequence for NM_023732
 CGTGAAGAGAGTGGGCAGTGTAGCAGGTCCACGTGCGTCCCTTCCCGCGACCCAAGCGGCGTAGCTCCAT
 GTCCCAGGACACCCTGGCATCTGCGGCCCTCTCTGAAGGGTCAGCCCAGCTTTTGTGCAGTGACCTCAA
 GTTCAGCCAGCAGCCACACATCGCCATGGTGACTGTGGGCAACTACTGCGAGACCGAAGGGCCGGCGGGG
 CCCGCTTGGACTCAGAAATGGCTTGAATCCCTGCTTCTTTCACGCTAGTGCCCTCGACACTCCTGACTC
 TGGGGGTACTGGCCTTGGTGTGGTCTTCCCCGAGGCGTCGGGAGGTGCCTGTGCCACACTCAGATGGCA
 CTCTTGGGCGGCTGGCCCTCGGTGGCCAGTGGGCACTGCTCGGGGGTCCGCTGCGCAGGCTACCTACTGC
 TGGCTTCTGTGCTGGAGAGTCTGGCCAGCGTCTGTGGCTTGTGGCTGCTCGTGGTGAACGAGCCAGGC
 ACGGCAGAGTCTGGCAATGGGCGTCTGGATGAAGTTCAGGCATAGCTTGGGTCTCCTGCTCCTCTGGACT
 GTGACATTTGCAGCCGAGAACTTGGCCCTAGTATCTTGGAAACAGCCCGCAGTGGTGGTGGCCAGAGCAG
 ATCTGGGCCAGCAGGTTCAATTTGGCCTGTGGTCTGCGTTATGTGACCTCTGGAGGGCTATTTATCTT
 GGGGCTCTGGGCCAGGACTTCGCCCCAGTCTTATACTCTACACGTTTCAAGAAAGACCAAGATGTA
 GGAGGAAACCAGGGCCGCTCAACAGACCGACGATCCACCTGGAGAGACCTTGGCCGAAGCTTCGACTGC
 TGAGTAGTACTTGTGGCCTCGGGGAAGTCCATCACTACAGCTGATAGTGTCTATATGCCTGGGACTCAT
 GGGGTTGGAACGAGCACTCAATGTGTGGTCCCATCTTCTATAGGGACATTGTGAACCTACTGACTGCG
 AAGGCTCCTTGGAGCTCCCTGGCCTGGACCGTTACCACCTATGTCTTCTCAAGTTCCTCCAGGGGGGTG
 GCACTGGCAGTACAGTTTTGTGAGCAACCTGCGAACCTTCTATGGATCCGGGTGCAGCAGTTTACGTC
 CCGAGGTGTGGAGCTACGTCTTCTCTCACCTGCATGAACTCTCACTGCGCTGGCACCTGGGCCGGCGT
 ACCGGGGAGGTGCTTCGGATCGTGGACCGGGGAACATCTAGTGTACAGGACTACTCAGTACCTGGTGT
 TCAGCATCATCCCCACCTGGCTGACATCATCATTGGCATCATCTACTCAGCATGTTCTTCAATGCCTG
 GTTTGGCCTCATCGTGTCTCTGTGCATGAGTCTTACCTCATCCTGACTATCGTGGTCCCGAGTGGAGA
 GCCAAGTTTCGCGGTGATATGAACACACAGGAAAACGCCACCCGGGCACGAGCAGTAGACTCTCTGCTCA
 ACTTTGAAACGGTGAAATACTATGGTGCCGAGGGTTATGAAGTAGACCGCTATCGAGAGGCCATCCTCAA
 GTTTCAGGGTTTGGAGTGAAGTCAACCCCTCACTGGTGTGCTGAATCAGACAGAACTGGTGATC
 GGGCTTGGCCTCCTTGTGGCTCCTTGTCTTTCGCATACTTCGTGAGTGCAGAGAGCTACAGGTTGGGG
 ACTTTGTGCTTTTGGCACTTACATCACCAACTGTACATGCCTCTCACTGGTTTGGCACCTACTACAG
 GATGATCCAGACTAACTTCAATGACATGGAGAACATGTTTGACTTGTGAAAGAGGAGACAGAAAGTGAAG
 GATGTTCTGGTGCAGGGCCCTTCGTTTTTATAAGGGCCGATTGAGTTTGAAGTGTGCACTTACAGT
 ACGCTGATGGGCAGGAGACCTTACAAGATGTGCTTCACTGTGATGCCTGGACAGACGGTGGCTCTGGT
 AGGTCCATCTGGGCAGGAAAGAGCACAATTTTGCCTGCTATTTTCGCTTCTATGACATCAGCTCTGGC
 TGATCCGAATAGATGGACAGGATATTTACAGGTGACCCAGATCTCTCCGATCTCACATTGGAGTTG
 TGCCCCAGGACACTGTCCTCTTCAACGACACCATTGCTAACAATATCCGCTATGGCCGTGCACAGCTGG
 GGACAGTGAAGTGAAGGCTGCTGCTCAGGCTGCAGGCATTGATGATGCCATCTTGTCTTTCCCTGAAGGG
 TATGAGACACAGGTGGGGAGCGGGGTCTGAAGCTGAGTGGTGGCGAGAAGCAGCGAGTGGCCATCGCCC
 GCACCATCCTTAAGGCTCCTGACATCATTCTGTGGATGAGGCCACATCAGCACTGGATACATCTAATGA
 GAGAGCCATCCAGGCCTCTTGGCCAAAGTCTGCACCAACCGCACCACTCGTCATAGCACACAGGCTC
 TCAACTGTGGTCAATGCTGACCAGATTTGGTCATCAAGGACGGTTGCATCATAGAGAGAGGAAGGCACG
 AAGCCCTGCTGTCCCGAGGTGGCGTTTATGCCGAGATGTGGCAGCTGCAGCAGCAAGGACAAGAACTGT
 CCCTGAAGAATCTAAACCTCAGGACACGGCATAGTAATAAAAGGGACCTTTTCTTCCAAGGCGAACT
 CAGGAGAAAAAGATATGTCCCCTCTTGCCTTATTTCATCCTGGTGTAGGAGTTTGGTGTAGCTATT
 GTAAGGAAAAGGACCTTCCAGAAAGCATCGTGAGGAAATAAATGGCCTGCGCAAGGACGGCTGTGGTTT
 GGTGTGTGGGTACTGCAAGGGTCTCTCCCCTTGGAGCTGAATGAACATTCCCGAAAAAGAAAAA AAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_023732
Insert Size: 2529 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:	BC006634 , AAH06634
RefSeq Size:	2946 bp
RefSeq ORF:	2529 bp
Locus ID:	74104
UniProt ID:	Q9DC29
Cytogenetics:	1 C4
Gene Summary:	Binds heme and porphyrins and functions in their ATP-dependent uptake into the mitochondria. Plays a crucial role in heme synthesis.[UniProtKB/Swiss-Prot Function]