

Product datasheet for **MC221275**

Abcb7 (NM_009592) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcb7 (NM_009592) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abcb7
Synonyms:	AA517758; Abc7; AU019072
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC221275 representing NM_009592
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGCTGCTCGCGATACATTCCTGGCGCTGGGCAGCCGCGCGGTTCGTTTCGAAAAGCACAAAGCATT
 CGGCAGTTCTGACCCGGCTCTAGTCTCCATGTGCGGCTCAGGCCCGCATGGAGTTCGCCAGCGCGG
 CGCGTCAGGAAGCGCTCGGCTGTCCAGACTACAGAATCATTAAAGAAATACTACACAGCAGAGATGGGGA
 AAAGACAACCTCCAGACAGTTACTAGATGCTACAAAGGCTCTCCAGACATGGCCATTGATAGAAAAGAGAA
 CATGTTGGCATGGGCACGCAGGAGGAGGACTCCACACAGACCCAAAAGAAGGGTTAAAGGATGTTGATAC
 TAGAAAAATCATCAAAGCCATGCTTTCTATGTGTGGCTGAAGATAGGCCAGATCTACGAGCCAGAGTT
 GCCATCTCCCTGGGATTTTTGGGTGGTCAAAGGCCATGAATATTGTGGTTCCTTTCATGTTAAATATG
 CTGTAGACAGCCTCAACCAGATGTGGGAAACATGCTGAACCTGAGTGATGCACCAAATACAGTTGCAAC
 CATGGCAACAGCAGTTCTGATTGGCTATGGTGTATCAAGAGCCGGAGCTGCCTTTTTCAATGAAGTTCGA
 AATGCAGTATTTGGCAAAGTAGCACAAAATTCATACGAAGAATAGCCAAAATGTATTTCTCCATCTCC
 ACAACTTGGATCTGGGTTTCCATCTGAGCAGACAGACAGGAGCTTTATCTAAGGCTATTGACAGAGGAAC
 AAGGGCATTAGTTTTGTCTCAGTGCCTTAGTATTTAATCTTCTCCCTATTGTGTTGAGATGATGCTT
 GTCAGTAGTGTGTTGATTACAAATGTGGTGCCAGTTTGCAATTGGTAACCCTAGGAACACTTGGTGAT
 ATACAGCATTACAGTTGCAGTTACACGGTGGAGAAGTATGAAATAGAAAATGAACAAAAGCAGATAA
 CGATGCAGGTAATGCTGCTATCGACTCACTGCTGAATTATGAACTGTGAAGTATTTAATAATGAAAAA
 TATGAAGCACAAAGATATGATGGATTCTGAAGACATAGAGACTGCTTCATTGAAAAGTACCTCTACTC
 TGGCAATGCTGAATTTTGGCCAAAATGCTATTTTCAGTGTGGATTAACAGCTATAATGGTCTTGCCAG
 TCAGGGAATTGTGGCAGGTGCCCTTACTGTTGGAGATCTAGTGATGGTGAATGGACTGCTTTTTCAACTG
 TCATTACCCCTTAACTTCTGGGAACTGTATATAGAGAGACAAGACAAGCACTCATAGATATGAACACCT
 TGTTTACTCTGCTCAAGGTAGACACACGGATTAAGACAAAAGTATGGCACCTCCCTTCAAATAACACC
 ACAGACAGCCACGGTGGCCTTTGATAATGTGCATTTTGAATACATCGAAGGACAGAAAAGTCTTAATGGA
 GTATCTTTTGAAGTCCCTGCAGGAAAGAAAGTGGCCATTGTAGGAGGTAGTGGGTCAGGAAAAAGCACGA
 TAGTGAGGCTGCTGTTTCGCTTCTATGAGCCTCAAAGGGTAGCATTACCTTGTGCTCAAATTTACA
 AGATGTGAGCCTGAAAAGTCTTCGGCGGGCAGTGGGAGTAGTACCTCAGGATGCTGCTCCTTCCATAAT
 ACCATCTACTACAACCTTTATATGAAAACATCAATGCTTACCTGAGGAAGTATATGCAGTCGCAAAAT
 TAGCTGGTCTTCATGATGCAATTCGAATGCCACATGGATATGACACACAAGTAGGAGAACGAGGACT
 CAAGCTATCAGGCGGAGAAAAGCAGAGGGTAGCAATTGCAAGAGCCATTTTGAAGAAATCCCCAGTTATT
 CTCTATGATGAAGCTACTTCATCATTAGATTCAATTACTGAAGAGACTATTCTTGGTGCCATGAGAGATG
 TGGTCAAGCACAGAACTTCTATTTTCATTGCACATAGATTGTCAACAGTGGTTGATGCAGATGAAATCAT
 TGTCTGAGCCAGGGGAAGGTAGCTGAACGTGGTACCCACTATGGTCTGCTTGTAACTCTAGCAGTATC
 TATTCAGAGATGTGGCATAACACAGAGCAACCGTGTACAGAACCAGGATAGCCTCGGATGGGATGCAAAGA
 AAGAGAGTCTCTCAAAGAGGAGGAAAGAAAGAAGCTCCAAGAAGAAATTGTCAACAGTGTGAAAGGCTG
 TGGAAATTGTTCTGCT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_009592
Insert Size: 2259 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:	NM_009592.1 , NP_033722.1
RefSeq Size:	5759 bp
RefSeq ORF:	2259 bp
Locus ID:	11306
UniProt ID:	Q61102
Cytogenetics:	X 46.58 cM
Gene Summary:	Could be involved in the transport of heme from the mitochondria to the cytosol. Plays a central role in the maturation of cytosolic iron-sulfur (Fe/S) cluster-containing proteins (By similarity).[UniProtKB/Swiss-Prot Function]