

## Product datasheet for **RN203264**

### **Abcb6 (NM\_080582) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Abcb6 (NM_080582) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcb6
Synonyms:	MTABC3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN203264 representing NM\_080582  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGTGACTGTGGCACTACTGCGAGGCCGAAGGGCCGGGGCCGGCATGGACTCAGAATGGCTTGA  
 GTCCTTCTTCTACTCTAGTGCCCTCGACTCATGACTTTGGGGTACTGGCCTTGGTGCCTGGT  
 TCTTCCCTGCAGGCGTCGGGAGGTGCTGCTGGCAGAGGAGCTATCTTGGGCGCTGGCCCTCGGGT  
 GCTCCCTATGCGCTGCAGCTGTCTGCGGATACTTCAGATGGCACTGCCCTGGCCAGTCTGGTGGCC  
 GAGTGGGCACTGCTCGGGGGTCCGCTGCCAGGTTACCTACTGCTGGCTTCTGTGCTGGAGAGTCTAGC  
 CAGTGCCTGTGGCTTGTGGCTGCTGCTGGTGGAAACGGAGCCAGGCAGGCAGAGTCTGGCAATGGGCGTC  
 TGGATGAAGTTCAGGCATAGCTTGGGTCTTCTGCTCCTGACTGTGACATTTGCAGCCGAGAACTTGG  
 TCCTGGTATCTTGAACAGCCCACAGTGGTGGTGGTCCAGGCAGATCTGGCCAGCAGGTTCAATTTGG  
 CCTATGGTCTCGCTTATATGACTCTGGAGGGCTATTTATCCTGGGGCTCTGGCCCCGGACTTCGC  
 CCCAGTCTTATACCCTACATGTTAATGAAGAAGACCAAGATGGAGGAAGGAACAGGGCCGCTCAACAG  
 ACCCACGATCCACTTGGAGAGACCTCGGCAGGAAGCTTCGACTGCTGAGTGGCTACTTGTGGCCTCGGGG  
 GAGTCCATCTCTGCAGCTGACTGTCTCTATGCATGGCCCTCATGGGTTGGACCGAGCACTCAATGTG  
 TTGGTCCCCATCTTATAGGGACATTGTGAACCTACTGACTTCGAAGGCTCCTTGGAGCTCCCTGGCCT  
 GGACCGTTACCACCTATGCTTCTCAAGTTCCTGCAGGGGGTGGCACTGGCAGTACAGGTTTTGTGAG  
 CAACCTTCGAACCTTCTGTGGATCCGGTGCAGCAGTTCACGTCAGGAGGTGGAACTCCGCTCTTTC  
 TCTCATCTGCATGAACCTCACTGCGCTGGCACCTGGCCGTCGACTGGGAGGTGCTTCGGATTGTGG  
 ACCGGGAACATCCAGTGTACAGGACTGCTCAGCTACCTGGTGTCAACATCATCCCCACCTGGCCGA  
 CATCATATTGGCATCATCTACTTCAGCATGTTCTTCAATGCCTGGTTTGGCCTCATTGTGTTCTGTGC  
 ATGAGTCTTTACCTCATCTCACTATTATGGTCACTGAGTGGAGAGCCAAGTTTCGCCGTGATATGAACA  
 CACAGGAAAATGCCACCGGGCAGCAGCAGTAGACTCTCTGCTAAACTTTGAGACGGTGAATACTACAA  
 TGCGGAGGGTTATGAGTTAGAACGCTATCGAGAGGCCATCCTCAAGTTTCAGGGTTTGGAGTGAAGTCA  
 ACGGCTTCACTGGTTTTACTGAATCAGACCCAGAACATGGTGATTGGATTTGGGCTCCTTGTGCTCCT  
 TGCTTTGTGCATACTTCGTCAGCGAGCGACGGCTACAGGTTGGGACTTTGTGCTTTTGGCACTTATAT  
 CACCCAAGTACATGCCTCTCAACTGGTTCGGCACCTACTACAGAATGATCCAGACTAACTTCATTGAC  
 ATGGAGAACATGTTTACTTGTGAAAGAGGAAACAGAGGTGAAGGACGTCCTGGAGCAGGGCCCTTC  
 GTTTTCATAAGGGCCGGTTGAGTTGAAAATGTGCACCTCAGCTACGCTGATGGGCGGGAGACCTTACA  
 AGATGTGCTCCTCACTGTGATGCCTGGACAGACGGTGGCTCTGGTAGGCCATCTGGGCGAGGAAAGAGC  
 ACAATTTTACGCCTGCTGTTTCGCTTCTATGACATCAGCTCTGGCTGCATCCGAATAGATGGACAGGACA  
 TTTACAGGTAACCCAGATCTCTCTCCGGTCTCACATTGGAGTTGTGCCCGAGCACTGTCTCTTCAA  
 CGACACCATTTGCCAACAATCCGCTATGGCCGTGTACAGCTGGGACAGTGGATACAGGCTGCTGCT  
 CAGGCTGCGGGCATCCATGATGCCATCTGTCTTTCCCTGAAGGGTATGAGACACAGGTTGGGGAGCGGG  
 GTCTGAAGCTGAGTGGTGGCGAGAAGCAGCGAGTGGCCATTGCCCGACCATCCTTAAGGCTCCTGACAT  
 CATTCTGCTGGATGAGGCAACATCAGCACTGGATACATCTAATGAGAGAGCCATCCAGGCCCTCTGGCC  
 AAAGTCTGCACCAACCGCACCCATCGTAGTAGCACACAGGCTCTCAACTGTGGTCAATGCTGACCAGA  
 TTCTTGTGATCAAGGATGGCTGCATCATAGAGAGAGGAAGGCACGAAGCCCTGCTATCCCGAGGTGGCGT  
 GTATGCTGAGATGTGGCAGCTGCAGCAGCAAGGACAAGAACTGTCCCTGAAGACTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_080582  
**Insert Size:** 2511 bp

<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<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>
<b>RefSeq:</b>	<a href="#">NM_080582.1</a> , <a href="#">NP_542149.1</a>
<b>RefSeq Size:</b>	2848 bp
<b>RefSeq ORF:</b>	2511 bp
<b>Locus ID:</b>	140669
<b>UniProt ID:</b>	<a href="#">O70595</a>
<b>Cytogenetics:</b>	9q33
<b>Gene Summary:</b>	ATP-binding cassette (ABC) half-transporter that together with its dimerization partner alters the localization of toxic substances [RGD, Feb 2006]