

## Product datasheet for **RN206893**

### **Abcb10 (NM\_001012166) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Abcb10 (NM_001012166) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcb10
Synonyms:	MGC109142
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:** >RN206893 representing NM\_001012166  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGCGCCCTCCTGCCAGGGCGCTGCTGCTGTTCCGCGCCGGGGCCCTGCTGTGCGAGCTTGGGCC  
 CGGCCGTCTCCTCTCGGACATGGTTGGCTTCTGAGTGGACTCCGCTCGTACGCGCGTGGACCTCTCTGAT  
 CCACGAGCCGAGCCGGGCTCCGCTTTCCCGTCCCCCTTTCCGGGCTGCCTGGCGGCTGGGACGGTGG  
 GCCACCTCCTCGGGGATCCGCAGGTGTTGGGTGCTGCGAGGACCCCGCGCCGCGCATCCCCTGTTGCCA  
 GGCTCCAGGGAGCAGCGGCCACCGGTGTGCGAGACCTTGGGAACGACTCGCAGCGCGGCCCGCGACGAC  
 CGGGCGCTCAGAAGTGTGAAGCTCCTGGGGTGGTGCGCCCGGAGCGGGGAGACTGTCAGCTCGGTT  
 GGCTTTCTTGCCGTGTCCAGTGTATCACCATGTCGGCCCCCTTCTTCTGGGAAAGATCATTGATGTCA  
 TCTACACCAACCAACCGAGGACTTTGGCGACAGCCTGACTCGCCTCTGTGCTGGGCTCACCTGTGTGT  
 CCTGTGTGGCGCTGCCGGAACAGCATCCGTGTCTACCTCATGCAGTCTTCAGGTCAGAGCATTGTGAAC  
 AGGCTGCGCACCTCACTTCTCCTCCATTCTAAGGCAAGAGGTTGCCTCTTTGACAAGACCCGACCGG  
 GCGAGTTGATTAACCGCCTCTCTTCGGATACCGCACTCCTGGGCCACTCCGTGACCGAGAATCTCTCTGA  
 CGGGCTGAGGGCTGTGGCCAGGCCTCGGTTGGTGTGGCATGATGTTCTTTGTGTACCAAGTCTGGCC  
 ACCTTTGTTCTGAGTGTGGTCCACCTATCTCTGTCTCGCTGTGATTTACGGGCGATATCTACGGAAAC  
 TGTCCAAAGCCACACAGGACTCTTTGGCAGAAGCCACACAGCTAGCTGAGGAGCGGATTGGAAACATAAG  
 AACCATCCGAGCTTTTGGGAAGGAGATGACAGAAGTGGAGAAGTACACCAGCCGAGTGGACCAGTTGCTG  
 CAGCTGGCACGGAAGGAGCCTTGGCACGAGCCGGCTTCTTTGGAGCGGCTGGGCTCTCGGAAACTTGA  
 TTGTGCTGTCTGCTGTACAAAGGAGGCTGTGTGCTGGGAGCAGCCACATGACAGTGGCGGAGCTCTC  
 TTCTTCTCATGTACGCTTTCTGGGTCGGACTGAGCATCGGAGGCTGAGTTTCTACTCCAGCTG  
 ATGAAGGGCTGGGTGCTGGCGGGCGCTCTGGGAGCTGCTGGAGAGACAACCACGGCTGCCTTTTAAACG  
 AGGGGATCGTGTAGATGAGAAAACCTTCCAGGGCGCCCTGGAGTTCAGAAATGTGCATTTACGTACCC  
 TGCTCGCCCGGAGGTGTCCGTGTCCAGGATTTCACTTCTTCCATCCCATCTGGATCTGTACAGCGCTG  
 GTTGGCCCTAGTGGTCTGGGAAATCAACGGTGGTCTCACTCCTGCTGCGGTTGTACGACCCAGTTCTG  
 GAACAGTCAGTCTTGATGGCCATGACATTCGTGAGTAAACCCGCTGGCTGAGATCCAAGATTGGGAC  
 AGTAAGTCAGGAGCCAGTCTGTCTCCTGCTGTTGCTGAAAACATTGCCTATGGTGTGACAACCTC  
 TCCTCGTTCACAGCCCGCAGGTGGAGAGGGCCGAGAAGTGGCCAATGTGCTGAGTTTCTCGTAGCT  
 TCCACAGGGCTTCGACACTGTGGTCCGGGAGAAGGGTGTCTCCTGTCTGGTGGCAGAAGCAGAGGAT  
 CGCAATAGCCAGAGCTCTGCTGAAGAACCCAAAATTCTTCTCCTCGATGAAGCAACCAGCGCACTGGAT  
 GCCGAAAACGAGCACCTGGTCCAGGAGGCGCTTACCAGGCTGATGGAGGGGAAGAACCGTGTGATCATAG  
 CCCACCGCTCTCCACATTAAGAACGCCAATTTCTGTTGCCGCTTAACCAAGGAAAGATCTGTGAACA  
 TGGGACACATGAGGAGCTGCTTTGAAGCCCAATGGGCTTTACAGAAAACCTGATGAACAAGCAGAGTCTC  
 CTGCTACATAACGGGGCAGAGCAGTTCTTGGAACTGCACAGGCGTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_001012166  
**Insert Size:** 2148 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).

<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>	<u>NM_001012166.1, NP_001012166.1</u>
<b>RefSeq Size:</b>	3460 bp
<b>RefSeq ORF:</b>	2148 bp
<b>Locus ID:</b>	361439
<b>Cytogenetics:</b>	19q12