

## Product datasheet for **MC224347**

### Abcc12 (NM\_172912) Mouse Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Abcc12 (NM\_172912) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Abcc12  
**Synonyms:** 4930467B22Rik; MRP9  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >MC224347 representing NM\_172912  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGTGGGTGAAGGCCCGTACCTTATCTCAGACCTGGATCGCAGAGGCCATCGGAGATCCTTTGCCGAGA  
GATATGACCCAGCCTGAAAACCATGATCCAGTGGCAGCCCGTCAAGTTGGCACCAATCCTGTGGA  
TGATGCTGGGCTGCTGCTTCCGCCAGTTCCTGGCTCACACCGGTGATGATTCGAAGTTACAAGCAC  
ACGCTGACTGTGGACACCTGCCCCACTGTCTCCTTATGACTCATCGGACATCAACGCCAAGAGATTCC  
AGATCCTTTGGGAAGAAGAAATAAAGAGGGTAGGGCTGAGAAGGCCCTCCCTGGGCCGCGTGGTCTGGAA  
ATTCCAGAGAACCCGAGTTCTGATGGACGTTGTAGCCAACATCCTGTGCATCGTCATGGCAGCCTTGGGG  
CCGACAGTTCTCATTACCAAAATCCTCCAGCACATTACCAGCATCTCCTCCGGACACATCGGGATCGGCA  
TCTGCTTGTGCTGGCCCTCTTACCACCGAGTTCACCAAAGTCTCTTTGGGCCCTTGCTGGGCCAT  
AAATTACCGCACAGCGATCCGACTGAAGGTGGCCCTCTCCACGCTAATCTTCGAAAACCTGCTGTCTTT  
AAGACGTTAACTCACATCTCTGCAGGCGAGGTAATCAATACTATCAAGTATAGTATTCCTTGTGTTG  
AGGCTGCCTTGTGTTGTCCTTGGCAGCCACCATCCCGATCCTAATGGTCTTGTGTCAGTACGCCTT  
TTTCATTCTGGGTCCACAGCTCTGTCCGGATAAGTGTGTATCTCATATTCATCCCGATCCAGATGTTT  
ATGGCCAAACTCAACTCAACTTCCGAAGTCCAGCAATTCAGTACAGACAAACGGGTTCCAGACAATGA  
ATGAGTTTCTGACCTGCATCAAGCTGATTTAAAATGACGCCTGGGAGGAATCTTTTATAAACACCATTC  
CGACATAAGAAAGAGAGAGAAAAAATACTGAAAAGGCTGGCTATGTCCAAAGTGGAACTCAGCCCTG  
GCTCCATTGTGTCACCATAGCCATTGTGCTACTTTCCACCTGCCACATTTTCTGAAACGCAAGCTCA  
CTGCCCTGTGGCATTAGTGTGATTGCCATGTTAATGTAATGAAGTTTCCATTGCAATCTTGCTTT  
CTCGGTCAAAGCAGTGGCCGAAGCCAGTGTCTCTAAGGAGAATGAAGAAAATCCTCATAGCTAAAAGT  
CCCCATCTACATCACTCAACCTGAAGACCCAGATACTATCTTGCTTTAGCAAATGCCACCTTGACAT  
GGGAACAAGAAATCAACAGGAAAAGTGACCCGCCGAAGGCACAAATTCAGAAAAGGCACGTTTTCAAGAA  
ACAGAGGCCAGAGCTATACAGCGAGCAAAGTCGATCAGATCAGGGAGTTGCTAGCCCGGAGTGGCAAAGT  
GGCAGCCCAAGTCAGTGTACACAACATCAGTTTTGTGGTGAGAAAGGGGAAGTCTTGGGAATATGCC



GGAATGTTGGAAGCGGGAAGAGTTCCTCATTTTCAGCTCTCTAGGACAGATGCAGTTACAGAAAGGGT  
 CGTGGCTGTCAATGGACCTTTGGCTTACGTTTCCAGCAAGCATGGATCTTCCATGGAAATGTGAGGGAG  
 AACATACTGTTTGGAGAGAAATACAACCACAAAGGTACCAACACACAGTTTCATGTCTGTGGTCTCCAGA  
 AGGACTTGAACAGCCTCCCTTATGGAGACCTGACTGAGATTGGAGAGCGGGGTGTCAACCTCTCTGGGG  
 ACAGAGGCAGAGGATCAGCCTGGCCCGTGTGTATGCTAATCGTCAGCTCTACCTGCTGGATGACCCG  
 CTCTCGGCTGTGGATGCCACGTGGGGAAGCATGCTTTGAAGAATGCATTAAGAAGACTCAAAGGGA  
 AGACAGTTGTGCTGGTTACCCACCAGTTGCAGTTCCTGGAGTCTGTGATGAGGTCATTCTGTTAGAAGA  
 TGGAGAGATCTGTGAAAAGGGCACCCACAAGGAGTTGATGGAAGAGAGGGGGCGCTATGCAAAGCTTATC  
 CACAACCTCCGGGACTGCAATTCAAGGATCCAGAGCACATTTACAATGTAGCCATGGTGGAGACCTGA  
 AGGAGAGCCAGCTCAGAGGGATGAAGACGCTGTCTTGGCTTCAGGAGATGAGAAGGACGAAGGAAAAGA  
 ACCTGAAACAGAAGAATTTGGACACAACGCTCCCGCTCACCAGCTCATCCAGACTGAATCCCCCAA  
 GAAGGAATCGTGACCTGGAAAACATATCACACGTATATCAAGGCTTCTGGAGGTTACCTGGTCTCCTTCC  
 TGGTTTTGTGCTCTTCTCCTGATGATGGCAGCTCTGCTTTCAGCACCTGGTGGCTGGGGATCTGGTT  
 AGACAGGGGTTCCAGGTCGTCTGTGCATCCAGAACAATAAGACAGCCTGCAACGTCGACCAGACCCTG  
 CAAGACACCAAACACCACATGTACCAGTTGGTTTACATAGCAAGCATGGTGTCTGTGTTGATGTTTGGCA  
 TCATCAAAGGCTTACCTTCACCAACACTACACTGATGGCGTCTTCTCTCTCCACAACAGAGTATTTAA  
 CAAGATCGTCAGGAGCCCAATGAGCTTCTTCGACACAACCTCCACAGGCCGGCTAATGAACCGCTTCTCT  
 AAAGACATGGACGAGCTGGACGTGAGGCTGCCGTTTACAGCCGAGAACTTCTGCAGCAGTTTTTATGG  
 TGGTGTATTCTGGTGATCATGGCTGCCGTGTTTCTGTTGTCCTTGTGGTGTGGCTGGCCTGGCTGT  
 AATCTTCTCATTCTTTTACGCATCTTCCATCGAGGAGTTCAGGAGCTCAAGCAGGTGGAGAATCAGC  
 CGGTACCTTGGTTCTCTCACATCACTCCTCCATACAGGGTCTGGGCGTCATCCACGCCTACGACAAAA  
 AGGACGACTGCATCAGCAAGTTTAAGCACTCAACGACGAAAACCTCCAGCCACCTCTGTACTTCAACTG  
 CGCGCTCAGGTGGTTTGTCTCAGAATGGACATTCATGAACATTGTCACCTTTGTTGGCCCTGTCTG  
 GTGACCTTAGTTTTTCTCAATCAGCGCTCATCCAAAGGCTTGTATTGTCTTACATCATCCAGCTCA  
 GTGGATTGCTTCAAGTGTGTGTGCGAACAGGAACAGAGACCCAAGCCAAGTTCACCTCCGACAGACTACT  
 GAGGGAGTACATTTTACCTGTGTTCTGAACACACTCACCCCTCAAAGTGGGGACCTGTCCCAAAGAC  
 TGGCCGAGCCGAGGGGAGATAACGTTCAAGGACTATCGGATGAGATACAGAGACAACACCCTCTCGTTC  
 TTGATGGCCTGAACTTGAACATCCAAAGCGGCAGACAGTTGGGATTGTGGGAAGGACGGGCTCCGGAAA  
 ATCATCCCTGGGCATGGCCCTGTTTCTGCTGGTGAACAGCCTCTGGTACCATCATATTGACGAGGTG  
 GACATCTGCACTGTGGTCTGGAAGACCTCCGAACCAAGCTGACCATGATCCCCAGGATCTGTCTGT  
 TTGTAGGTACAGTAAGGTACAACCTTGACCCCTTGGGGAGCCACACCGACGAGATGCTCTGGCATGTTTT  
 GGAAGAAGCTTATGAGAGACACAATAATGAACTCCCAGAGAAATTACAGGCAGAAGTACAGAAAAAT  
 GGGGAAAACCTTCTCAGTAGGAGAACGCCAGCTGCTTTGTATGGCCCGGGCACTTCTCCGTAATCAA  
 TCAATCTCCTTGATGAAGCTACTGCCTCCATGGATTCCAAGACAGACACCCTTGTTCAGAGCACCATAAA  
 GGAGGCCTTCAAAGCTGCACAGTGTGACCATCGCTCATCGCCTGAACACCGTCTCAACTGTGACCTT  
 GTCCTGGTGTGAAAAATGGGAAGGTGATTGAGTTTGACAAGCCTGAAGTCTCGCTGAGAAGCCCGACT  
 CTCATTTGCGATGTTACTAGCTGCAGAGGTTGGACTGTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_172912

**Insert Size:**

4101 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><a href="#">NM_172912.4</a></u> , <u><a href="#">NP_766500.3</a></u>
<b>RefSeq Size:</b>	4511 bp
<b>RefSeq ORF:</b>	4101 bp
<b>Locus ID:</b>	244562
<b>UniProt ID:</b>	<u><a href="#">Q80WJ6</a></u>
<b>Cytogenetics:</b>	8 42.06 cM
<b>Gene Summary:</b>	Probable transporter.[UniProtKB/Swiss-Prot Function]