

Product datasheet for **MC224644**

Abcc3 (NM_029600) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Abcc3 (NM_029600) Mouse Untagged Clone
Tag: Tag Free
Symbol: Abcc3
Synonyms: 1700019L09Rik; ABC31; MLP2; MOAT-D; MRP3
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC224644 representing NM_029600
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGACCGCTGTGCGGCTCCGGAGAGCTGGGCTCCAAGTCTGGGACTCCAACCTGTCTATATATACCA
 AACTCCGGACCTCACACCCTGTTCCAGAACTCCTTGCTGGCCTGGGTCCTGCATCTACCTGTGGG
 TGCTTGGCCTGTACCTGTTTTACCTGAGACACCATCAGCTCGGCTACATAGTCTCTCATGGTTATCC
 AGGCTCAAGACGGCCCTCGGTGTTCTGCTGTGGTGTCTCATGGGTGGACCTGTCTATTCCCTCCACG
 GCCTGATCCATGGCTCATCCCCTGCTCCTGCTCTTTGTGACACCCTTGGTGGTGGGGATCACCATGCT
 GCTGGCCACTTTGCTAATCCAGTACGAGCGGCTTCGGGGGTACAGTCTTCGGGAGTGCTCATATATTC
 TGGCTCCTGTGTGTGATCTGTGCCATCATCCCCTCCGTTCCAAGATCCTCTCAGCTTGGCAGAGGGTA
 AAATCTTGGATCCGTTCCGGTTCACCACTTTCTACATCTACTTTGCCCTGGTGTCTGTGCCCTCATCT
 GTCCTGCTCAAGGAGAAGCCGCTTTGTTCTCCCGGAGAATCTTGACACAAATCCTTGCCAGAGGCC
 AGCGTGGCTTCTTTCCCGCTTGCTTTCTGGTGGTTCACAAGGCTTGGCATCCTTGGTACCGACGTC
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 GGAAGCATGGCAAAGCAGCAGAACCAAGCATCAAGTCCAGACGGCAACAGCTGAGCCAAAGATCCCA
 GGTGAGGATGCGGTCTACTGAAGCCCCAGCCAAAGTCCAAGCAGCCTTCTTTCTGAGGCTTTGGTGA
 GAACCTTCACCTCCAGCTTGCTCATGAGTGCCTGTTTCAACCTGATCCAGAACCTACTCGGCTTCGTC
 CCCACAGCTGCTCAGTATACTCATCAGGTTTATTTCTGACCCACGGCCCCACCTGGTGGGGCTTCTTG
 CTGGCCGACTGATGTTCTGAGCTCCACCATGCAGACATTGATCTTACACCAATATTACCACTGCATCT
 TTGTGATGGCCTTGAGGCTACGGACTGCTATTAGGTGTCATCTACAGGAAGGCTCTGGTCATACCAA
 CTCAGTCAAACGGGAGTCCACTGTGGGAGAAATGGTCAACCTCATGTCAGTGGATGCTCAGCGCTCATG
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 GGCAGATCCTGGCCCATCAGCTCTGGCTGGAGTGGCTGTGATAGTCTTGCTGATACCACTCAATGGAGC
 TGTGTCCATGAAGATGAAGACCTACCAGGTAAGCAAATGAAGTTCAGGACTCCCGCATCAAGCTGATG
 AGCGAGATCCTGAACGGCATCAAAGTGCTCAAGCTGTACGCTTGGGAGCCAGCTTCTTGGAGCAGGTGA



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AAGGGATCAGGCAGAGTGAACCTCAGCTGCTCCGGAAGGGGGCCTACCTGCAGGCCATCTCCACCTTCAT
 CTGGATCTGCACCCCATTTCTGGTGACCCTGATCACCCCTCGGAGTGTACGTGTATGTGGACGAGAGCAAT
 GTACTGGATGCCGAGAAGGCCTTTGTGTCCCTGTCTTTGTTCAATATCTTAAAGATCCCCCTCAACATGC
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 GGAGAAGCTGGAAGGTGTGGTGTCTGTAAGGGCTCTGTGGCCTACGTGCCCCAGCAGGCATGGATCCAG
 AACTGCACACTTCAGGAAAATGTGCTATTTGGCCAACCCATGAACCCCAAGCGCTACCAACAGGCTCTGG
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 TTTTTGCTGGATGACCCACTGTCGGCTGTGGACTCTCATGTGGCGAAGCATATCTTCGACCAAGTGATTG
 GACCAGAAGGTGTGCTGGCAGGCAAGACTCGGGTGTGGTAACTCATGGCATCAGCTTCTGCCCCAGAC
 GGACTTTATCATTGTGCTTGTGGTGGACAGGTGTCTGAGATGGGCCACTACTCGGCCCTCTGCAGCAT
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 AAAATGCAAAATGAGGAGTACTCCTGCTCGAAGACACACTCAGCACCCACACAGACTGACAGACAATGA
 GCCAGCCATCTACGAGGTCGCAAGCAGTTCATGAGAGAGATGAGCTCCTTGTCTTCTGAAGGGGAGGTC
 CAGAACCAGGACTATGCCCAAGAAACACACAAAATTCATTGGAGAAGGAGGCGCTGGTGACAAAAGCTAAGG
 AGACTGGCGCATAATCAAAGAGGAGATAGCAGAGACAGGCAATGTGAAGCTGAGTGTACTGGGATTA
 TGCCAAGTCTATGGGACTCTGTACCACGCTATCTATCTGCCTCCTGTATGGTGGCCAAAGCGCAGCTGCT
 ATCGGAGCCAATGTGTGGCTCAGCGCTGGAGCAATGATGCGGAGGAACATGGCCAGCAGAACAAGACCT
 CCGTAAGGCTCGGTGTCTACGCCCTTAGGGATACTGCAAGGGCTCCTGGTGTGCTGTACAGCTTTCAC
 CATGGTGGTGGCGCGATCCAGGCTGCCCGCTGCTGCAGAAAGCTCTGCTGCACAACAAGATTGCTTCC
 CCTCAGTCTTCTTTGACACCACGCCCTCGGGCCGCATCCTCAACGTTTCTCCAAGGACATATAGGTCA
 TCGACGAGTTCTGGCCCCACCATCCTCATGCTGTTGAATTCCTTCTTACATCCATCTCCACCATCAT
 GGTTCATCGTGGCCAGCACGCCGCTTTCATGGTGGTTGTCTTGGCCCTGGCTGTGCTCTATGGCTTTGTG
 CAGCGTCTCTATGTGGCCACATCACGGCAGCTCAAGCGGCTGGAATCCATCAGCCGCTCACCCATCTTCT
 CCCACTTTTCGGAGACAGTAACGGGCACCAGTGTATTGGGCCATGGCCGAATCCAAGACTTCAAGGT
 CCTCAGTGATACTAAGGTGGACAACAACCAGAAAAGCAGTTATCCCTACATTGCCTCCAATCGATGGCTG
 GGGTCCACGTGGAGTTTGTGGGAAGTGCCTGGTGTCTTTGCCGCACTGTTTGCAGTGATCGGGAGAA
 ACAGCTTGAATCCAGGGCTTGTGGTCTTCTGTGTCTATGCCTTACAGGTGACCATGGCTTTGAATTG
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 ACCAAGACTGAGGCCCTTGGTGGTGGAGAGCAACCGGCCCCGGAAGGCTGGCCACGCGAGGAATGG
 TGGAGTTCGGAATATTCAGTGCCTACCGCCCTGGCCTCGAGTTGGTGTGAAGAAGCTGACTGTTCA
 TGTGCAGGGTGGGGAGAAGGTAGGCATTGTGGCCGCACTGGGGCTGGCAAACTTCCATGACTCTTTGC
 CTGTTCCGAATCCTGGAGGCCGAGAGGGTGAATCGTATTGATGGGCTCAACGTGGCAGACATTGGCC
 TCCACGACTGCGCTCTCAGCTCACCATCATCCCTCAGGACCCCATCCTGTTCTCGGGCACCCCTGCGTAT
 GAACCTAGATCCCTTTGGCCGATACTCGGAGGAGGACATCTGGAGGGCCCTGGAGCTATCCCACCTGAAC
 ACGTTCGTGAGCAGCCAGCCAGCAGGCCTGGATTTCCAGTGCCTGAGGGTGGGGATAATCTCAGTGTG
 GCCAGAGGCAGTTGATGCCTAGCCCGAGCCCTGCTCCGGAAGAGCCGAGTCTGGTTTTAGACGAGGC
 CACTGCTGCCATTGACTTGGAGACGGATGACCTCATCCAGGGCACCATCCGTACCCAGTTTGAAGACTGC
 ACCGACTGACCATCGCCACCGGCTCAACACAATCATGGACTACAACAGGGTCTGGTCTTGGACAAAAG
 GAGTAGTAGTGAATTTGATTCTCCAGTCAACCTATTGCGGCCGAGGCATCTTCTATGGGATGGCCAA
 GGATGCGGGACTTGCTAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_029600
Insert Size: 4569 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_029600.3 , NP_083876.3
RefSeq Size:	5002 bp
RefSeq ORF:	4569 bp
Locus ID:	76408
UniProt ID:	B2RX12
Cytogenetics:	11 D
Gene Summary:	May act as an inducible transporter in the biliary and intestinal excretion of organic anions. Acts as an alternative route for the export of bile acids and glucuronides from cholestatic hepatocytes.[UniProtKB/Swiss-Prot Function]