

Product datasheet for **RN211791**

Abcc3 (NM_080581) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcc3 (NM_080581) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Abcc3
Synonyms:	Mlp2; Mrp3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN211791 representing NM_080581 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGACCGCTTGTGCGGCTCCGGGAGCTGGGCTCCAAGTCTGGGACTCCAACCTGACTGTATATACCA
ACACTCCAGACCTCACACCCTGTTCCAGAACTCCTTGCTGGCCTGGGTTCCCTGCATCTATCTGTGGC
TGCTTGGCCTGTACCTGTTCTACCTGAGGCACCATCGGCTTGCTACATAGTCTCTCATGCTTATCC
AGGCTCAAGACGGCCCTCGGTGTTCTGCTGTGGTGTATCTCATGGGTGGACCTGTTCTACTCCTTCCATG
GCCTGGTTCACGGCTCATCCCCTGCTCCTGCTCTTTATCACACCCTTGTGGTGGGGATCACCATGCT
GCTGGCCACATTGCTAATCCAGTATGAGCGGCTTCGGGGCGTGCGGTCTTCAGGTGTGCTCATCATCTTC
TGGCTCCTGTGTGTGATCTGTGCCATCATCCCCTCCGTTCCAAGATCCTCTTGGCTTGGCAGAGGGTA
AAATCTTGGATCCGTTCCGATTCACCACTTTCTACATCTACTTCGCCCTCGTGCTGTGTGCCTTCATCCT
GTCCTGCTCCAGGAGAAGCCGCTTTGTTTTCCCAGAGAATCTTGACACAAATCCTTGCCCAGAGGCC
AGCGCTGGCTTCTTCCCGTCTGTCTTCTGGTGGTTCACAAAGCTTGCCATCCTTGGCTACCGACGTC
CCCTGGAGGACAGTGACCTCTGGTCTCTGCTGAGGAGGACTGCTCTCACAAAGTGGTACAACGGCTACT
GGAAGCATGGCAAAAGCAGCAGACCCAAGCATCAGGGCCCGAGACTGCAGCCCTTGAGCCAAAGATCGCA
GGTGAGGATGAGGTCTGCTGAAGGCCCGCCCAAGACCAAGAAGCCTTCTTTCTGAGGCTTTGGTGA
GAACCTTCACCTCCAGCTTGCTCATGGGTGCCTGCTTCAAGCTGATCCAGGACCTGCTCTCCTTCATCAA
CCCACAGCTGCTCAGCATCCTCATCAGGTTTATTTCTGACCCACGGCCCTACCTGGTGGGGCTTCTTG
CTGGCCGACTGATGTTCTGAGCTCCACCATGCAGACATTGATCTTACACCAACATTACCACTGCATCT
TTGTGATGGCCTTGAGGATACGGACTGCTATCATAGGCGTCATCTACAGGAAGGCTTGACCATACCAA
CTCAGTCAAACGTGAGTACACTGTGGGAGAAATGGTCAACCTCATGTCGGTGGACGCCACGGCTTCATG
GATGTCTCCCATTCATCAACCTGCTGTGGTCTGCACCTTGCAGGTCATCCTGGCGATATACTTCTCT
GGCAGATCTTAGGCCATCAGCCCTGGCTGGGGTGGCTGTGATAGTCTTGCTGATACCACTCAATGGAGC
TGTGTCCATGAAAATGAAGACCTACCAGGTACAGCAAATGAAGTTCAAAGACTCCCGCATCAAAGTATG
AGTGAGATCCTGAATGGCATCAAAGTCTGAAGCTGTACGCTTGGGAGCCACCTTCTTGGAGCAGGTAG



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AAGGAATCAGGCAGGGTGAAGCTCCAGCTACTGCGGAAGGGCGCCTACCTGCAGGCTATCTCTACCTTCAT
 CTGGGTCTGCACCCGTTTATGGTGACCCTGATCACCCCTCGGGGTGTACGTGTGTGGACAAGAACAAT
 GTGCTGGATGCTGAGAAGGCCTTCGTGTCCCTGTCTTGTCAATATCTTAAAGATCCCCCTCAACCTGC
 TGCCTCAGTTAATCAGTGGCATGACCCAGACCAGCGTGTCTCTGAAACGGATCCAGGATTTCTGAACCA
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 CATTGGTGGCTGTGGTGGGACCTGTGGGCTGTGGGAAGTCTTCCCTGGTGTCTGCCTTGGCTGGAGAGAT
 GGAGAAGCTGGAAGGTGCAGTGTCTGTAAGGGCTCTGTGGCCTACGTGCCCCAGCAGGCCGTGGATCCAG
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 CATTAACCTATCTGGAGGCCAGCGACAACGGGTGAGTTTGGCCGAGCTGTTTATAGTGACGCCAACATT
 TTTTTGCTGGATGACCCACTGTCGGCTGTGGACTCTCACGTGGCTAAGCATATCTTCGACCAAGTGATTG
 GACCAGAAGGTGTGCTGGCAGGCAAGACTCGGGTGTGGTAACCCATGGCATCAGCTTCTGCCCCAGAC
 GGACTTTATCATTGTGCTTGTGACGGACAGATTACTGAGATGGGTCACTACTCCGAACTCTGCAGCAC
 GATGGCTCCTTTGCCAACTTCTCCGAACTATGCACCAGATGAAAACCAGGAGGCCAATGAAGGAGTCT
 TGCAACATGCAAATGAGGAGGTGCTCCTGCTTGAAGACACACTCAGCACCACACAGACCTGACAGACAC
 CGAGCCAGCCATATACGAGGTCCGCAAGCAGTTTCATGAGAGAGATGAGCTCCTTGTCTTCTGAAGGAGAG
 GGCCAGAACCAGCCTGTGCTCAAGAGATATACGAGTTCCTGGAGAAGGAGGTGCCGGCGACACAGACTA
 AAGAGACTGGTGCATTAATCAAAGAGGAGATCGCAGAGACAGGCAATGTGAAGCTGAGCGTGTACTGGGA
 TTATGCCAAGTCTGTGGGGCTCTGCACCACGCTGTTTATCTGCCTCCTGTATGCTGGCAAAATGCGGTT
 GCTATCGGAGCCAATGTGTGGCTCAGTGCCTGGACCAATGATGTGGAGGAACATGGCCAGCAGAACAACA
 CCTCCGTAAGGCTGGGAGTCTACGCCACCTAGGAATACTGCAAGGGCTCCTGGTCATGCTCGGCCTT
 CACCATGGTGGTTGGCGCTATCCAGGCTGCCCGCTGCTGCACACAGCTCTGTTGCACAACCAAGTCCGT
 GCGCCTCAGTCTTCTTTGACAGCAGCCCTCAGGCCGCATCCTCAATCGTTTCTCCAAGGACATATACG
 TCATCGATGAGGTTCTGGCCCCACCATCCTCATGCTGTTCAATTCATTCTACACATCCATCTCCACCAT
 TGTGGTCATCGTGGCCAGCACGCCACTTCTGCGTGGTGTCTTCTCCTGCTGCTGTTCTATGGCTTC
 GTGCAGCGCTTCTATGTGGCCACATCGAGGCAGCTGAAGAGACTGGAATCCGTTAGCCGCTCGCCCATCT
 TCTCCACTTCTCGGAGACAGTAACTGGCACCAGTGTCTTTCGGGCTACGGCCGAGTCCAAGACTTCAA
 GGTCTCAGTGATGCTAAGGTGGATAGCAACCAGAAGACCACTTATCCTTACATCGCTCCAACCGTGG
 CTGGGTGTCCACGTGGAGTTTGTGGGAACTGCGTGGTGTCTTCTCCGCGCTGTTTGCAGTGATCGGGA
 GAAACAGCTTGAATCCAGGGCTTGTGGTCTTTCGCTGTCTATGCCTTACAGGTGACCTTGAGTTTGAA
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 AAGACGGAGACTGAGGCTCCCTGGGTGTTGGAGAGCAACCGTGTCCAGAAGGCTGGCCCAGGAGTGGGG
 TGGTAGAGTTCGGAACTATTCCGTTGCGGTACCGCCCGGGCTCGAGTTGGTGTGAAGAATTTGACTCT
 GCATGTGCAGGGTGGGGAGAAGGTAGGCATCGTGGGCCGACTGGGGCTGGCAAATCTTCCATGACTCTT
 TGCCTATTCGAACTCCTGGAGGCCGAGAGGGTGAATCTTATTGACGGGCTCAATGTGGCACACATTG
 GCCTCCATGACCTGCGTTCACAACTCACCATCATCCCTCAGGACCCATCCTGTTCTCGGCACGCTGCG
 CATGAACCTCGATCCCTTTGGCCGTTACTCGGACGAGGACATCTGGAGGACCTGGAGCTATCCCACCTG
 AGTGATTTGTGAGCAGCCAGCCGACAGGCTGGATTTTTCAGTGTCTGAGGGTGGGATAATCTCAGTG
 TTGGCCAGAGGCAGCTCGTGTGCCTAGCCGAGCCCTGCTCCGAAAGAGCCGTGTCTGGTTTTAGACGA
 GGCCACCCTGCCATTGACCTGGAGACTGATGACCTCATCCAGGTACCATCCGTACCCAGTTTGAAGAC
 TGCAGTGTACTGACCATCGCCACCGGCTCAACACAATCATGGACTACAACCGGGTCTGGTCTTGGACA
 AAGGAGTAGTAGCTGAATTTGATTCTCCAGTAAACCTCATTGCAGCTGGAGGCATCTTCTATGGGATGGC
 CAAAGATGCAGGACTCGCTAG

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_080581
 Insert Size: 4572 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:	<u>NM_080581.1</u> , <u>NP_542148.1</u>
RefSeq Size:	5174 bp
RefSeq ORF:	4572 bp
Locus ID:	140668
UniProt ID:	<u>O88563</u>
Cytogenetics:	10q26
Gene Summary:	human homolog transports conjugated metabolites from hepatocytes into the bloodstream; may play a role in steroid metabolism [RGD, Feb 2006]