

Product datasheet for **MC224601**

Abcc6 (NM_018795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcc6 (NM_018795) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abcc6
Synonyms:	Abcc1b; DCC; Dysca; dyscalc; Dyscalc1; Mr; Mrp6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_018795.2 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAACAGAGGGCGCTCCATGGCCACGCCTGGAGAGCAGTGCGCCGGCCTGAGGGTCTGGAACCAGACAG
AGCAGGAGCCTGCGGCCTATCACTTGCTCAGCCTGTGCTTTGTGAGAGCCGCCAGCAGCTGGGTGCCCC
CATGTACCTCTGGGTCTCGGCCCATCTACCTTCTCTACATCCATCGCCATGGCCGGTGTACCTCCGG
ATGTCCCACCTCTCAAACCAAATGGTCTGGGCTGGCCCTCATCCTTCTGTATACTTCAACGTGG
CCGTGCCTCTGTGGAGGATCCACCAGGGCGTGCCCCAGGCCCCAGAGCTTCTAATTCACCCTACTGTGTG
GCTCACCAACATGAGCTTTGCCACCTTTCTGATCCACATGGAGAGAAGGAAGGGAGTCCGGTTCATCCGGG
GTGTTGTTCCGGTACTGGCTGCTCTGCTGCATCTTGCCAGGAATCAACACTGTGCAGCAGGCCTCTGCAG
GAACTTCCGTCAGGAGCCCTCCACCACCTGGCCACCTACCTGTGCTTGTCCCTGGTGGTGGCTGAGCT
GGTGTGTCTGTCTGGTGGACCAGCCACCTTCTTCTCGGAAGACTCCCAGCCATTGAATCCGTGTCCA
GAGGCTGAGGCCTCCTTCCCTCAAAGGCCATGTTCTGGTGGCCTCTGGACTGCTATGGAGGGGTACA
AAAAGCTGCTGGGACAAAAGACCTCTGGTCACCTGGGAGAGAAAACCTTTCAGAAGAATCGTTTCCCA
GCTGGAAGAGAATGGAGGAGAAGCTGCAATGGGCTGCCAGGGCACAAGGGCACAGTGTGTGGGGCC
CCTGAGACAGAGGCCTTCTGTCAGCCAGAGAGGAGTCAAGAGGGGCCACTACTCAGGGCTATCTGGCCGG
TGTTCCGGTCCACCTTCTGCTGGGACCCTCAGCCTGGTCATTAGCGATGCCTTCAGGTTTGCTGTTCC
CAAGCTCCTCAGTCTGTTTCTGGAGTTCATGGGTGACCGCAACTCCTCGCGTGGACAGGCTGGCTCCTA
GCTGTGCTGATGTTCCGGCAGCCTGCCTACAGACGTTGTTTGAACAGCAGCACATGTACAGAGCCAAGG
TCCTGCAGATGAGGCTGCGAACAGCCATCACTGGCCTGGTGTACAGAAAGTCTGGTCTGTCCAGTGG
TTCCAGAAAGTCCAGCGCAGCAGGGGACGTGGTCAACCTGGTGTCCGGTGGACATCCAGCGGCTGGCCGAG
AGCATCATCTACCTCAACGGCTGTGGCTGCTTCTCTGTGGATCTTTGTGTCTTTGTCTACCTGTGGC
AGCTCCTTGGACCCTCTGCTCTCACAGCCGTTGCTGTCTTCTGAGCCTCCTCCCTGAACTTCTTCAT
CACCAAGAAGAGGGGCTCCATCAGGAAGAAGAGATGAGGCAGAAGGCCCTCCAGAGCAGGCTCACCAGC



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TCCATGCTCAGAACTGTGAGAACCATCAAGTCCCACGGCTGGGAGCATGCCTTCCTGGAGCGACTCCTTC
 ACATCCGGGGCCAGGAGCTCAGCGCCCTGAAGACCTCCACCCTCCTTCTCTGTGTCTCTCGTGTCTT
 CCAAGTGTCTACATTTCTGGTGGCGCTGGTCTGTTTGTGTGCCACACCTGGTGGCAGAGGACAATGCC
 ATGGATGCAGAGAAGGCCTTTGTGACGCTCACAGTGTCCAGCATCCTTAACAAAGCCAGGCCTTCTCC
 CCTTCTGTGTGACTGCATCGTTCAGGCTCGAGTGTCTTTGACCGGCTGGTGCCTTCTGTGCCTGGA
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 AATGGCACCTTCGCTTGGTCCCAGGAGGCCACCCTGCCTGCACGGGATCAACCTCACCCTGCCCCAGG
 GCTGTCTGCTGGCTGTTGTGGTCCAGTGGGGCTGGGAAGTCTCCCTGCTGTGCCCTGCTTGGGGA
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 CAGAATACCTCTGTGGTGGAGAATGTGTCTCAGGCAAGAGCTGGACCTGCCCTGGTTGCAGAAAGTTC
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 GGCTGACCGGATCCTGGTCTGGCAATGGACCATCGCAGAGATGGGCTCTACCAGGACCTTCTGCAA
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 GTGACGACCTCGGAGGCTTCTGGAGGTGGGAGGCCACATGCAGACCAGACAGGCCAGGCCACGGA
 GGCAGCCCTGTGAAGGGCAGGAGCACATCTGAGGTACAGATGGAGGCTTCTCTGGATGACCCTGAGGCC
 ACAGGATTGACAGCAGAAGAGGATAGTGTGCGATATGGCCGGGTGAAGACCACCATATACCTGAGCTACC
 TGCGGGCGGTGGGCACACCCCTCTGTACCTACACCCTGTCTCTTCTCTGCCAGCAAGTGGCATCCTT
 CTCCAAAGGCTACTGGCTGAGCCTTTGGCCGATGACCCGGTGTGGATGGGCGGCAGATGCATGCAGCC
 CTGCGTGGCTGGTCTTGGGCTCCTGGCTGTCTGCAAGCCATCGGACTGTTTGCCTCCATGGCTCGCG
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 CATCGGCTTCTTGGAGCGACGCCAGTCCGGAACCTGCTGAACCGCTTTTCCAAGGAGACAGACAGTG
 GATGTGGACATCCCGACAAGCTGAGGTCCCTTGTACCTACGCCTTTGGGCTCCTGGAGGTCCGGCTGG
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 CATATGGCTGAGACCTTCCAGGGAAGTCTGGTGGTCCAGGCTTCCGGGCCAGGCATCCTTACGGCTC
 AGCAGATGCTCTCATGGATGAGAACCAGAGGGTCACTTCCGAAACTGGTGGTGCAGGTGGCTGGC
 TACTAACCTGGAGCTTCTAGGGAATGGCTTGGTATTCTGGCTGTACATGTGTGTGCTGAGCAAGGCT
 CACCTAAGTGTGCCTCGTGGCTTCTCGGTCTCCGCTGCCCTCCAGGTGACACAGACTCTGCAGTGGG
 TGGTCCGAGCTGGACAGATCTGGAGAACAGCATGGTAGCCGTGGAGCGGTGCAGGACTACGCTCGCAT
 CCCCAAAGAGGCTCCCTGGAGGCTGCCACCTGCGCAGCCAGCCTCTCTGGCCTTGTGGGGACAGATT
 GAGTTCGGGACTTTGGGCTCAGACACCAGCAGACTGCCCTTGGCTGTGCAGGGAGTGTCCCTGAAGA
 TCCATGCAGGAGAGAAGGTGGGCATCGTGGCAGAACAGGGGCCGGGAAGTCTCCCTGGCTTGGGGCT
 GCTGCGGCTTCCAGGAGCTGCCAGGGTAATATCTGGATCGATGGGGTCCCTATCACCCATGTGGGGCTG
 CACACTGAGGTCCCGAATCACCATCATCCCTCAGGACCCTGTCTGTCCCAGGCTCTCTGCGGATGA
 ACCTGGACCTGCTTCCAGGACACACAGATGAAGGCATCTGGCAGCGCTGGAGACAGTGCAGCTCAAGGC
 CTTCTGACCAGCCTGCCTGGCCAGCTGCAATATGAGTGTGCAGGCCAGGAGATGACCTGAGCGTGGT
 CAGAAACAGCTCCTGTGCTGGCACGAGCCCTTCCGGAAAACCCAGATCCTCATCCTGGACGAGGCGA
 CTGCTCTGTGGACCCAGGGACGAGATGCAGATGCAGGCGGCCCTGGAGCGCTGGTTTACACAGTGTAC
 CGTACTGCTTATCGCTACCCGCTGCGCTCCGTGATGGACTGTGCCAGAGTCTAGTCTATGGATGAGGGG
 CAGGTGGCAGAAAGTGGCAGTCTGCTCAGCTGTGCCAGAAAGGCTGTTTTACAGGCTAGCCCATG
 AGTCGGGCTCGCTTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1476_d06.zip

Restriction Sites: SgfI-MluI

ACCN: NM_018795

Insert Size:	4497 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_018795.2</u> , <u>NP_061265.2</u>
RefSeq Size:	4958 bp
RefSeq ORF:	4497 bp
Locus ID:	27421
UniProt ID:	<u>Q9R1S7</u>
Cytogenetics:	7 B3
Gene Summary:	<p>The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MRP subfamily which is involved in multi-drug resistance. The specific function of this protein is unknown; however, a similar rat protein has been identified as the major canalicular bile salt export pump of liver. [provided by RefSeq, Jul 2008]</p>