

Product datasheet for **MC224601**

Abcc6 (NM_018795) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Abcc6
Synonyms:	Abcc1b; DCC; Dysca; dyscalc; Dyscalc1; Mr; Mrp6
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS10001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>NM_018795.2 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGAACAGAGGGCGCTCCATGGCCACGCCTGGAGAGCAGTGCGCCGGCCTGAGGGTCTGGAACCAGACAG
AGCAGGAGCCTGCGGCCTATCACTTGTCTAGCCTGTGCTTTGTGAGAGCCGCCAGCAGCTGGGTGCCCC
CATGTACCTCTGGTCTCGGCCCATCTACCTTCTCTACATCCATCGCCATGGCCGGTGTACCTCCGG
ATGTCCCACCTCTCAAACCAAAAATGGTGTGGGCTTGGCCCTCATCCTTCTGTATACCTTCAACGTGG
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GTGTTGTTCCGGTACTGGTCTCTGCTGCATCTTCCAGGAATCAACACTGTGCAGCAGGCCTCTGCAG
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GAGGCTGAGGCCTCCTTCCCTCCAAGGCCATGTTCTGGTGGCCCTCTGGACTGCTATGGAGGGGCTACA
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CACCAGAAAGAGGGGCTTCCATCAGGAAGAAGACAGATGAGGCAGAAAGCCCTCCAGAGCACGGCTCACCAGC
TCCATGCTCAGAACTGTGAGAACCATCAAGTCCACGGCTGGGAGCATGCCTTCTGGAGCGACTCCTTC



ACATCCGGGGCCAGGAGCTCAGCGCCCTGAAGACCTCCACCCTCTTCTCTGTGTCTCTCGTGTCTCT
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ACAGGATTGACAGCAGAAGAGGATAGTGTGCGATATGGCCGGGTGAAGACCACCATATACTGAGCTACC
TGCGGGCGGTGGGCACACCCCTCTGTACCTACACCCTGTTCTCTCTCTGCCAGCAAGTGGCATCCTT
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GATGTGGACATCCCGACAAGCTGAGGTCCCTTCTGACCTACGCTTTGGGCTCCTGGAGGTGCGGCTGG
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GAGCCTCTATGTGGCCACATCTTCCAGCTGAGACGCTAGAGTCGGCCGCTACTCATCTGTGTGTTCC
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TGGTCCGACGCTGGACAGATCTGGAGAACAGCATGGTAGCCGTGGAGCGGTGCAGGACTACGCTCGCAT
CCCCAAAGAGGCTCCCTGGAGGCTGCCACCTGCGCAGCCAGCCTCTCTGGCCTTGTGGGGACAGATT
GAGTTCGGGACTTTGGGCTCAGACACCGACCAGAGCTGCCCTTGGCTGTGCAGGGAGTGTCCCTGAAGA
TCCATGCAGGAGAGAAGGTGGGCATCGTGGCAGAACAGGGCCGGGAAGTCTCCCTGGCTTGGGGCTG
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CACACACTGAGGTCCCGAATCACCATCATCCCTCAGGACCTGTCTGTCCAGGCTCTCTGCGGATGA
ACCTGGACCTGTTCCAGGAGCACACAGATGAAGGCATCTGGCAGCGCTGGAGACAGTGCAGCTCAAGGC
CTTCTGTGACCGCTGCCTGGCCAGCTGCAATATGAGTGTGCAGGCCAGGGAGATGACCTGAGCGTGGT
CAGAAACAGCTCCTGTGCCTGGCACGAGCCCTTCTCCGAAAACCCAGATCCTCATCTGGACGAGGCGA
CTGCCTCTGTGGACCCAGGGACGGAGATGCAGATGCAGGCGGCCCTGGAGCGCTGGTTTACACAGTGTAC
CGTACTGCTTATCGCTCACCGCTGCGCTCCGTGATGGACTGTGCCAGAGTCTAGTCATGGATGAGGGG
CAGGTGGCAGAAAGTGGCAGTCTGCTCAGCTGTGGCCAGAAAGGCCTGTTTACAGGCTAGCCCATG
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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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	NM_018795.2 , NP_061265.2
RefSeq Size:	4958 bp
RefSeq ORF:	4497 bp
Locus ID:	27421
UniProt ID:	Q9RIS7
Cytogenetics:	7 B3
Gene Summary:	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]