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Product datasheet for MC224639

Abcc1 (NM_008576) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Abcc1 (NM_008576) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Abcc1
Synonyms:	Abcc; Abcc1a; Abcc1b; M; Md; Mdrap; Mr; MRP; Mrp1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>MC224639 representing NM_008576
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCGCTGCGCAGCTTCTGCAGCGCTGATGGCTCCGATCCACTCTGGGACTGGAATGTCACATGGCACA
CCAGCAACCCCGACTTTACCAAGTGCTTTCAGAACACGGTCCTCACATGGGTGCCTTGTTTCTACCTCTG
GTCCTGTTTCCCCCTCTACTTCTTCTATCTCTCTCGCCATGACCGGGGCTACATCCAGATGACACACCTC
AACAAAACCAAAACTGCCTTAGGATTCTTTCTGTGGATCATCTGCTGGGCAGACCTCTTCTACTCTTTCT
GGGAAAGAAGTCAGGGAGTGCTCCGAGCCCCAGTGTTACTGGTCAGCCCAACACTGCTGGGCATCACCAT
GCTGCTCGCCACCTTTTTGATACAGCTTGAACGGAGGAAGGGAGTCCAATCCTCGGGAATTATGCTTACT
TTCTGGCTCGTAGCCCTACTCTGTGCCCTTGCCATCTTGAGATCTAAGATCATCTCTGCCTTAAAAAAGG
ATGCTCATGTGGACGTGTTTCGAGATTCCACGTTCTATCTGTACTTCACCCTTGTGCTTGTTCAGCTCGT
GCTGTCCTGCTTCTCAGACTGCTCACCCCTGTTCTCTGAAACTGTCCATGACCGGAATCCATGCCCAGAA
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AGCCCCTGGAGAGCAGTGACCTCTGGTCATTGAATAAGGAGGACACATCAGAAGAAGTGGTACCTGTGCT
GGTGAATAACTGGAAGAAGGAATGTGATAAGTCAAGGAAGCAGCCTGTACGGATTGTGTATGCCCCTCCC
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GCGCCTGTCTGCAGACACTGGCACTCCACCAGTACTTTCATATCTGCTTCGTCAGTGGCATGCGCATCAA
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GCTGGCTGGAGTGGCTGTGATGATTCTCATGGTACCCTTAAATGCTGTGATGGCCATGAAGACCAAGACC
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TACCAGGTGGCACACATGAAGAGCAAAGACAACCGAATCAAGCTGATGAACGAGATCCTCAATGGGATCA
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ATTTGGCTACTCCATGGCTGTGTCCATCGGGGGCATCTTTGCCTCCCGTCGCTTGCACCTGGACCTGCTA
TACAATGTTCTGCGATCACCCATGAGTTTCTTTGAGCGTACACCCAGTGGGAACCTAGTGAACCGATTCT
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GCCGTTCCCCTGTGTACTCACACTTCAATGAGACCTTGCTGGGAGTCAGTGTCATCCGTGCTTTTGAGGA
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TTGCAGTCATCTCCCGGCACAGCCTCAGTGCTGGCTTGGTGGGCCTCTCTGTGTCTTACTCACTGCAGAT
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GGCCCCATTCAGGCCGTGTAGAGTTCCGGGATTACTGCCTGAGGTATCGAGAAGACTTGGACTTGGTTCT
CAAGCACATAAATGTCACCATTGAGGGTGGAGAAAAGGTGGGTATTGTAGGTCGTACGGGAGCTGGGAAA
TCATCTCTCACCCTGGGTTTGTTCCGGATCAATGAGTCTGCAGAAGGGGAGATCATCATTGATGGGGTCA
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GAGCTTGCTCACCTAAAGGGCTTTGTGTCAGCTTTGCCTGACAAGCTGAACCATGAGTGTGCAGAAGGTG
GAGAGAACCTGAGTGTGGGGCAGCGACAGCTTGTGTGCCTGGCCCGGGCTCTGCTGAGGAAGACAAAGAT
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TGATTGTCCTGGACAAAGGAGAAGTTCGGGAGTGTGGTGCACCCTCTGAGCTCCTGCAGCAAAGAGGCAT
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_008576

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Insert Size:	4587 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:	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_008576.3, NP_032602.1
RefSeq Size:	5959 bp
RefSeq ORF:	4587 bp
Locus ID:	17250
UniProt ID:	O35379
Cytogenetics:	16 A1
Gene Summary:	The membrane-associated 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 full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein plays an essential role in the defense against toxic compounds and serves as the major high-affinity transporter of leukotriene C4. The encoded protein may also play an essential role in steroid hormone homeostasis as a transporter for steroid hormones and their metabolites. [provided by RefSeq, Nov 2011]

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