

Product datasheet for **SC305575**

ABCC11 (NM_033151) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ABCC11 (NM_033151) Human Untagged Clone
Tag:	Tag Free
Symbol:	ABCC11
Synonyms:	EWWD; MRP8; WW
Mammalian Cell Selection:	Neomycin
Vector:	<u>PCMV6-Neo</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene ORF sequence for NM_033151 edited
 ATGACTAGGAAGAGGACATACTGGGTGCCCAACTCTTCTGGTGGCCTCGTGAATCGTGGC
 ATCGACATAGGCGATGACATGGTTTCAGGACTTATTTATAAAACCTATACTCTCCAAGAT
 GGCCCTGGAGTCAGCAAGAGAGAAATCCTGAGGCTCCAGGGAGGCGAGCTGTCCCACCG
 TGGGGGAAGTATGATGCTGCCTTGAGAACCATGATTCCCTTCCGTCCCAAGCCGAGGTTT
 CCTGCCCCAGCCCTGGACAATGCTGGCCTGTTCTCCTACCTCACCGTGTGATGGCTC
 ACCCCGCTCATGATCCAAAGCTTACGGAGTCGCTTAGATGAGAACACCATCCCTCCACTG
 TCAGTCCATGATGCCTCAGACAAAAATGTCAAAGGCTTACCGCCTTTGGGAAGAAGAA
 GTCTCAAGGCGAGGGATTGAAAAAGCTTCAAGTCTTCTGGTGATGCTGAGGTTCCAGAGA
 ACAAGGTTGATTTTCGATGCCTTCTGGGCATCTGCTTCTGCATTGCCAGTGTACTCGGG
 CCAATATTGATTATACCAAAGATCCTGGAATATTCAGAAGAGCAGTTGGGGAATGTTGTC
 CATGGAGTGGGACTCTGCTTTGCCCTTTTTCTCTCCGAATGTGTGAAGTCTCTGAGTTTC
 TCTCCAGTTGGATCATCAACCAACGCACAGCCATCAGGTTCCGAGCAGCTGTTTCTCC
 TTTGCCTTTGAGAAGCTCATCCAATTTAAGTCTGTAATACACATCACCTCAGGAGAGGCC
 ATCAGTCTCTTACCCTGGTGTAAACTACCTGTTTGAAGGGGTGCTATGGACCCCTA
 GTACTGATCACCTGCGCATCGTGGTCTGTCAGCATTCTTCTACTTCATTATTGGA
 TACACTGCATTTATTGCCATCTTATGCTATCTCCTGGTTTTCCACTGGCGGTATTCATG
 ACAAGAATGGCTGTGAAGGCTCAGCATCACACATCTGAGGTCAGCGACCAGCGCATCCGT
 GTGACCAGTGAAGTTCTCACTTGCATTAAGCTGATTAATAATGTACACATGGGAGAACCA
 TTTGCAAAAATCATTGAAGACCTAAGAAGGAAGGAAAGGAAACTATTGGAGAAGTGC
 CTTGTCCAGAGCCTGACAAGTATAACCTTGTTTCATCATCCCCACAGTGGCCACAGCGGTC
 TGGGTTCTCATCCACACATCCTTAAAGCTGAAACTCACAGCGTCAATGGCCTTCAAGCATG
 CTGGCCTCCTGAATCTCCTTCCGCTGTGAGTGTCTTTGTGCCTATTGCAAGTCAAAGGT
 CTCACGAATCCAAGTCTGCAAGTGTGAGGTTCAAGAAGTTTTCTCCAGGAGAGCCCT
 GTTTTCTATGTCCAGACATTACAAGACCCAGCAAAGCTCTGGTCTTTGAGGAGGCCACC
 TTGTCATGGCAACAGACCTGTCCGGGATCGTCAATGGGCACTGGAGCTGGAGAGGAAC
 GGGCATGCTTCTGAGGGATGACCAGGCCTAGAGATGCCCTCGGGCCAGGGAAGAAGGG



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AACAGCCTGGGCCAGAGTTGCACAAGATCAACCTGGTGGTGTCCAAGGGGATGATGTTA
GGGGTCTGCGGCAACACGGGGAGTGGTAAGAGCAGCCTGTTGTCAGCCATCCTGGAGGAG
ATGCACTTGCTCGAGGGCTCGGTGGGGTGCAGGGAAGCCTGGCCTATGTCCCCAGCAG
GCCTGGATCGTCAGCGGGAACATCAGGGAGAACATCCTCATGGGAGGCGCATATGACAAG
GCCCGATACCTCCAGGTGCTCCACTGCTGCTCCCTGAATCGGGACCTGGAACCTTGCCC
TTTGGAGACATGACAGAGATTGGAGAGCGGGCCCTCAACCTCTCTGGGGGCGAGAAACAG
AGGATCAGCCTGGCCCCGCGCTCTATTCCGACCGTCAGATCTACCTGCTGGACGACCCC
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CTCAGGGGAAGACGGTCTGCTGGTGACCCACCAGCTGCAGTACTTAGAATTTTGTGGC
CAGATCATTTTGTGGAAAATGGGAAAATCTGTGAAAATGGAACCTCACAGTGAGTTAATG
CAGAAAAGGGGAAATATGCCAACTTATCCAGAAGATGCACAAGGAAGCCACTTCGGAC
ATGTTGCAGGACACAGCAAAGATAGCAGAGAAGCCAAAGGTAGAAAGTCAGGCTCTGGCC
ACCTCCCTGGAAGAGTCTCTCAACGAAATGCTGTGCCGAGCATCAGCTCACACAGGAG
GAGGAGATGAAAGAAGGCTCCTTGAGTTGGAGGGTCTACCACACTACATCCAGGCAGCT
GGAGGTTACATGGTCTCTTGCAATTTTCTTCTCGTGGTGTGATCGTCTTCTTAACG
ATCTTCAGCTTCTGGTGGCTGAGCTACTGGTTGGAGCAGGGCTCGGGGACCAATAGCAGC
CGAGAGAGCAATGGAACCATGGCAGACCTGGGCAACATTGCAGACAATCCTCAACTGTCC
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TCAGGGATTTTACCAAGGTCACGAGGAAGGCATCCACGGCCCTGCACAACAAGCTCTTC
ACAAGGTTTTCCGCTGCCCATGAGTTTCTTTGACACCATCCCAATAGGCCGGCTTTTG
AACTGCTTCGACAGGGACTTGGAAACAGCTGGACCAGCTCTTGCCCATCTTTTCAGAGCAG
TTCCTGGTCTGCTCCTAATGGTGATCGCCGCTCTGTTGATTGTCAGTGTGCTGTCTCCA
TATACCTGTTAATGGGAGCCATAATCATGGTTATTTGCTTCATTTATTATATGATGTTCC
AAGAAGGCCATCGGTGTGTTCAAGAGACTGGAGAATATAGCCGGTCTCCTTTATTCTCC
CACATCCTCAATTCTCTGCAAGGCTGAGCTCCATCCATGCTATGGAAAACTGAAGAC
TTCATCAGCCAGTTAAGAGGCTGACTGATGCGCAGAATAACTACCTGCTGTTGTTTCTA
TCTTCCACACGATGGATGGCATTGAGGCTGGAGATCATGACCAACCTTGTGACCTGGCT
GTTGCCCTGTTGCTGGCTTTTGGCATTTCCTCCACCCCTACTCCTTTAAAGTCATGGCT
GTCAACATCGTGTGCAGCTGGCGTCCAGCTTCCAGGCCACTGCCCGGATTGGCTGGAG
ACAGAGGCACAGTTCACGGCTGTAGAGAGGATACTGCAGTACATGAAGATGTGTCTCG
GAAGCTCCTTTACACATGGAAGGCACAAGTTGTCCCAGGGGTGGCCACAGCATGGGGAA
ATCATATTTACAGGATTATCACATGAAATACAGAGACAACACCCACCGTCTCACGGC
ATCAACCTGACCATCCGCGGCCACGAAGTGGTGGGCATCGTGGGAAGGACGGGCTCTGGG
AAGTCTCCTTGGGATGGCTCTCTTCCGCTGGTGGAGCCATGGCAGGCCGGATTCTC
ATTGACGGCGTGGACATTTGCAGCATCGGCCTGGAGGACTTGGCGTCCAAGCTCTCAGTG
ATCCCTCAAGATCCAGTGTGCTCTCAGGAACCATCAGATTCAACCTAGATCCCTTTGAC
CGTCACACTGACCAGCAGATCTGGGATGCCTTGGAGAGGACATTCCTGACCAAGGCCATC
TCAAAGTTCACAAAAAGCTGCATACAGATGTGGTGGAAAACGGTGGAACTTCTCTGTG
GGGAGAGGCAGCTGCTCTGCATTGCCAGGGCTGTGCTTCGCAACTCCAAGATCATCCTT
ATCGATGAAGCCACAGCCTCCATTGACATGGAGACAGACACCCTGATCCAGCGCACAAATC
CGTGAAGCCTTCCAGGGTGCACCGTGTGCTCATTGCCACCGTGTCAACACTGTGCTG
AACTGTGACCACATCCTGGTTATGGGCAATGGGAAGGTGGTAGAATTTGATCGGCCGGAG
GTACTGCGGAAGAAGCCTGGGTCATTGTTGCGAGCCCTCATGGCCACAGCCACTTCTTCA
CTGAGATAA

Restriction Sites: Please inquire
ACCN: NM_033151
Insert Size: 4900 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_033151.2</u> , <u>NP_149163.2</u>
RefSeq Size:	4862 bp
RefSeq ORF:	4149 bp
Locus ID:	85320
UniProt ID:	<u>Q96J66</u>
Cytogenetics:	16q12.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters
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 ABC full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. The product of this gene participates in physiological processes involving bile acids, conjugated steroids, and cyclic nucleotides. In addition, a SNP in this gene is responsible for determination of human earwax type. This gene and family member ABCC12 are determined to be derived by duplication and are both localized to chromosome 16q12.1. Multiple alternatively spliced transcript variants have been described for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1 and 2 encode the same predominant isoform (a).</p>