

## Product datasheet for **SC200011**

### ABCB4 (NM\_018849) Human 3' UTR Clone

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** ABCB4 (NM\_018849) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** ABCB4  
**Synonyms:** ABC21; GBD1; ICP3; MDR2; MDR2/3; MDR3; PFIC-3; PGY3  
**ACCN:** NM\_018849  
**Insert Size:** 430 bp  
**Insert Sequence:** >SC200011 3'UTR clone of NM\_018849  
The sequence shown below is from the reference sequence of NM\_018849. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AGTGTCAGGCTGGGACACAGAACTTATGAACTTTTGGCTACAGTATATTTTAAAAATAAATTCAAATTA
TTCTACCATTTTATCTGACTTGTAAAATAAGTTTCTGGTTTGTATCATATAAAACATAGGTATGCTGTGTC
TCATTCTAGATCAATTTAGAAAGACCAATTTGGGGTTTATTACGGCATTGAAATTTGAGAGTTAGAAG
TGACACCTGTCTTGATGAAGTATTGAAACAACAGGCTAGCTCTCCCTAAGTTATTAGAAACATCCAGAA
AAAGAACAAAATTCAAGGTAAGTACAGGTGTAGAAATATAGAAGCCACAGACATAGGGAAATGGTCTTA
TGGTCCTGAATGGGTTGGGTAGACAGGAAAGTTTGGGAATAATTTTCCCAAGTACAAAAGAAAAATAAA
TTGTTCAATAGCCTCA
ACGCGTAAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTGATTCCACCGCCCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

**Components:** The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

**RefSeq:** [NM\\_018849.3](#)



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**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 protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance as well as antigen presentation. This gene encodes a full transporter and member of the p-glycoprotein family of membrane proteins with phosphatidylcholine as its substrate. The function of this protein has not yet been determined; however, it may involve transport of phospholipids from liver hepatocytes into bile. Alternative splicing of this gene results in several products of undetermined function. [provided by RefSeq, Jul 2008]

**Locus ID:** 5244

**MW:** 16.9