

## Product datasheet for **SC216269**

### **MRP4 (ABCC4) (NM\_005845) Human 3' UTR Clone**

#### **Product data:**

Product Type:	3' UTR Clones
Product Name:	MRP4 (ABCC4) (NM_005845) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	ABCC4
Synonyms:	MOAT-B; MOATB; MRP4
ACCN:	NM_005845
Insert Size:	1770 bp



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**Insert Sequence:** >SC216269 3'UTR clone of NM\_005845  
 The sequence shown below is from the reference sequence of NM\_005845. The complete sequence of this clone may contain minor differences, such as SNPs.  
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
ACCTTAACTATTTTCGAGACAGCACTGTGAATCCAACCAAATGTCAAGTCCGTTCCGAAGGCATTTTC
CACTAGTTTTTGGACTATGTAAACCACATTGTAATTTTTTTTACTTTGGCAACAAATATTTATACATAC
AAGATGCTAGTTCATTTGAATATTTCTCCCAACTATCCAAGGATCTCCAGCTCTAACAAAATGGTTTA
TTTTTATTTAAATGTCAATAGTTGTTTTTAAAAATCCAAATCAGAGGTGCAGGCCACCAGTTAAATGCC
GTCTATCAGGTTTTGTGCCTTAAGAGACTACAGAGTCAAAGCTCATTTTTAAAGGAGTAGGACAAAGTT
GTCACAGGTTTTGTTGTTGTTTTATTGCCCCAAAATTACATGTTAATTTCCATTTATATCAGGGAT
TCTATTTACTTGAAGACTGTGAAGTTGCCATTTGTCTCATTGTTTTCTTTGACATAACTAGGATCCAT
TATTTCCCTGAAGGCTTCTTGTAGAAAATAGTACAGTTACAACCAATAGGAACAACAAAAGAAAAA
GTTTGTGACATTGTAGTAGGGAGTGTGTACCCCTTACTCCCATCAAAAAAAAAAATGGATACATGGTT
AAAGGATAGAAGGGCAATATTTTATCATATGTTCTAAAAGAGAAGGAAGAAAAACTACTTTTCTCAA
AATGGAAGCCCTTAAAGGTGCTTTGATACTGAAGGACACAAAATGTGACCGTCCATCCTCCTTTAGAGTT
GCATGACTTGGACACGGTAACTGTTGCAGTTTTAGACTCAGCATTGTGACACTTCCCAAGAAGGCCAAA
CCTCTAACCGACATTCTGAAATACGTGGCATTATTCTTTTTGGATTTCTCATTATGGAAGGCTAAC
CCTCTGTTGACTGTAAGCCTTTTGGTTTGGGCTGTATTGAAATCCTTTCTAAATTGCATGAATAGGCTC
TGCTAACGTGATGAGACAACTGAAAATATTGCAAGCATTGACTATAATTATGCAGTACGTTCTCAGG
ATGCATCCAGGGTTTCATTTTCATGAGCCTGCCAGGTTAGTTTACTCCTGACCACTAATAGCATTGTG
ATTTGGGCTTTCTGTTGAATGAATCAACAAACCAACTTCTCCTGGGACCTTTTGTACTTTATTTGAA
CTATGAGTCTTTAATTTTTCTGATGATGGTGGCTGTAATATGTTGAGTTCAGTTTACTAAAGGTTTTA
CTATTATGGTTTGAAGTGGAGTCTCATGACCTCTCAGAATAAGGTGTCACCTCCCTGAAATTGCATATA
TGTATATAGACATGCACACGTGTGCATTTGTTGTATACATATATTTGCCTTCGTATAGCAAGTTTTT
TGCTCATCAGCAGAGAGCAACAGATGTTTTATTGAGTGAAGCCTTAAAAAGCACACACCACACAGCT
AACTGCCAAAATACATTGACCGTAGTAGCTGTTCAACTCCTAGTACTTAGAAAATACAGTATGGTTAAT
GTTCAGTCCAACAAACCACACAGTAAATGTTTATTAATAGTCATGGTTCGATTTTAGGTGACTGAA
ATTGCATCAGTGATCATAATGAGGTTTGTAAAACGATAGCTATATTCAAAATGTCTATATGTTTATTT
GGACTTTTGAGGTTAAAGACAGTCATATAAACGTCCTGTTTCTGTTTTAATGTTATCATAGAATTTTTT
AATGAAACTAAATTCAATTGAAATAAATGATAGTTTTTCATCTCCA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** Sgfl-Mlul

**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\\_005845.5](#)

**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. This family member plays a role in cellular detoxification as a pump for its substrate, organic anions. It may also function in prostaglandin-mediated cAMP signaling in ciliogenesis. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Sep 2014]

**Locus ID:** 10257

**MW:** 68.5