

## Product datasheet for **SC216475**

### MRP1 (ABCC1) (NM\_019862) Human 3' UTR Clone

#### Product data:

Product Type:	3' UTR Clones
Product Name:	MRP1 (ABCC1) (NM_019862) Human 3' UTR Clone
Symbol:	MRP1
Synonyms:	ABC29; ABCC; DKFZp686N04233; DKFZp781G125; GS-X; MRP; MRP1
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_019862
Insert Size:	1823 bp



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**Insert Sequence:** >SC216475 3'UTR clone of NM\_019862  
 The sequence shown below is from the reference sequence of NM\_019862. 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
AGCATGGCCAAAGACGCCGGCTTGGTGTGAGCCCCAGAGCTGGCATATCTGGTCAGAACTGCAGGGCCT
ATATGCCAGCGCCAGGGAGGAGTACAGTACCCCTGGTAAACCAAGCCTCCACACTGAAACCAAAACAT
AAAAACCAAAACCCAGACAACCAAAACATATTCAAAGCAGCAGCCACCGCCATCCGGTCCCCTGCCTGGA
ACTGGCTGTGAAGACCCAGGAGAGACAGAGATGCGAACCCCAAAACACGCACACCCTGCCCTGGTG
CCCTGAGACAGACACAGCCTCACGCCCCAGGAATGCAAGTGGTTTCTGGTCTCCACGGAGGA
GTTTTGGCAGCCAGACTTCTGGAGGAATTGGTTGTATAGAAGATCCTAGTGACCAAATTCAGCCTACTG
CCTCGGATCTCTCCAGCCGAAGTCTGTGGACTGCAAGTCTTTGAGATGCTTCTGGCTCCCATCACCTCT
AACATCCTTGTCTGGGTCTACCAGGAACGCTTCATTTCTTGGGGCTGCAGTTTTGTGGTTGAGGGGCC
TGGAGAAAATCATTTTCTCCCCTTGGCAGTGTCCAGGGCCCTGGATGGTCTCTTACCAACATCTGGT
CTTCCAGGCACTCAAAGCTGGGAACCAGCATCTCAGCGCCAGCTCTACCAGTTCTCGTTTTGGCCAG
AGGCAGCCTCTGCACTCCACGCCTGTCTCTGGAAGGGACCTGGTTGGACTAACGGCTAACCTGGAC
CTGGAAGTGTAGGGCCAGGGGATTGTCTCAGGGCCGACGTTCCACCTGGGGCTTCCCTCCCACCCACC
CCGACTCCAGGCTTTCCCTTTTTCTTTTGTTCACATTTGTAAGAACAATCAATGCTGTTACTGTGTT
CCCACCATGATTGATGTGGGGTAAATATTAAGGAGATGGCCTCATGGGAATTTGACCTTGACTAGAAAT
AGAGACTGAGAGTGAGCAACCAGCTGGAAGTACTATGCCAGTCTAGCAGAAAAATGTGTTAGGGGCC
TGGCCCAAAGCAGTGTGGTTGCTTACAGTGTGATTGATTTTGTCTTTTTTCTTACCACCTCTTTTC
TTCCCTCTCATGGTACCTGCTCATGGTTATGAAGCTTTCAAAGTAAAGAACACGAAATACCTCCCAAG
TATTACAGTGGGTACCAAAAAAATGTCCCTTGTGAGTCTTTTCTGTTTTAGATGTTAATCTCTCC
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TTCCAGGACACGAAAAGAACCCATCTTTGAATATCAATGATTTTTTTTTTTAAGTACTGTTCCGGGGA
GAAAAACAGTCTCAAACCTTGAACCTTCTGGGAATAGAAGTGTGGGCTGAGAAGTAACATTTCCAGGA
AATAGTGAGAAGCTCGCCCTGTGTTGAAACCGTGTGGTCTCTGTGTTCTGGAAGAAAACAGGGAAG
CAGCATTTTTAAAGCCTGTTCTTTAAGGTGTCTCGTTAGAGCCCAAAGTGAATCCGGAAGGCAGCCA
GAGCTGAGGCTGCCCCAAGACTCAGACTTGCTAAGAATTACGCCCGGACTTCAAACCCAGAGAGCATC
TTTCTTTTAGGCGAAAACGCATATATTTATTTTTGTAAGTTATACCATTCTTTCACATTAGATAAACT
AAGTTTTGGGGATCCTTTTGAATGACTTACACTGGAATGCGAACATTTGCAGTAAAAAATATATA
TATATCTATATTTTTATTTCTTTCTAAA
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
  
```

**Restriction Sites:** SgfI-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\\_019862.2](#)

**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 full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein functions as a multispecific organic anion transporter, with oxidized glutathione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transports glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternatively spliced variants of this gene have been described but their full-length nature is unknown. [provided by RefSeq, Apr 2012]

**Locus ID:**

4363

**MW:**

67.9