

Product datasheet for **SC203492**

MRP2 (ABCC2) (NM_000392) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	MRP2 (ABCC2) (NM_000392) Human 3' UTR Clone
Symbol:	MRP2
Synonyms:	ABC30; CMOAT; cMRP; DJS; MRP2
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_000392
Insert Size:	993 bp
Insert Sequence:	>SC203492 3'UTR clone of NM_000392 The sequence shown below is from the reference sequence of NM_000392. The complete sequence of this clone may contain minor differences, such as SNPs. Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAACGATCGCC
ATTGAGAATGTGAACAGCACAAATTCAGCAGAGGCCCATGGGTTAGAAAAGGACTATAAGAATAA
TTTCTTATTTAATTTTATTTTTTATAAAATACAGAATACATACAAAAGTGTGTATAAAATGTACGTTTT
AAAAAAGGATAAGTGAACACCCATGAACCTACTACCCAGGTTAAGAAAAATAAATGTACCCAGGTACTTG
AGAAACCCCTCGATTGTCTACCTCGATCGTACTTCCTTGCTACCCACCCCTCCCAGGGACAACCACTGT
CCTGAATTTACGATAATTATTCCTTTGCCTTTCAATTTCTGTTTTATCACCTTTGTATGTATCTTTAAA
CAACATATACCCTTTTTACTTATGTAATGGACTGACTCATACTGCATACATCTTCTATGACTTGATT
CTTTTGTTCAATATTATCTGAGATTCATCCATGGTGATGCAAAAGGTGCATTATTTTTTTCACTG
CTCTGTAGTCTGGCATTGTATGAATACAGCACAATGTATCAGTTTAAATATTGGGGATCATTAGCATTA
TTCTCAGGTTTTTAAAAATTATAAGCAGTACTACTATGGACATTTCTGGTCTACATCTCCTGGCACATAT
GTAAGAGTTTCTCTAGGGTATAACCTAGGAATGGAGGGTATGAACATGTTTACATGCACAACTAGCTG
ATGCCAACTGGTAATGCCAACTGAAAACATTGCTGTCAATCTGATGAATATGAATTGATGTATCAATG
AGAATTTCAATTTGCATTTCCCTAGTATCTATTGGGGATGAATATATTTTCATGTTTCTGGGGCATTTCG
ATTTCCACTTGTTTTTAAATATTGTGTCTGATAATTCCAATGTCTGGATTCTTTGTTTATCTGTTGTT
TCTGTTGGTTTTTACTCATGGTATTTTATTTCTTGATGTCTTGGAATTTTTATTATAAGCTCGTTC
TCCTTAAACTTTATCTGTGGACATTC
ACGCGTAAGCGGCCGCGGCATCTAGATTGAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTTCGATTCCACCGCCGCTTCTATGAAAGG
  
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Restriction Sites: SgfI-MluI



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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_000392.5
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 protein is expressed in the canalicular (apical) part of the hepatocyte and functions in biliary transport. Substrates include anticancer drugs such as vinblastine; therefore, this protein appears to contribute to drug resistance in mammalian cells. Several different mutations in this gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia. [provided by RefSeq, Jul 2008]
Locus ID:	1244
MW:	39