

Product datasheet for **SC208086**

P Glycoprotein (ABCB1) (NM_000927) Human 3' UTR Clone

Product data:

Product Type: 3' UTR Clones
Product Name: P Glycoprotein (ABCB1) (NM_000927) Human 3' UTR Clone
Vector: pMirTarget (PS100062)
Symbol: ABCB1
Synonyms: ABC20; CD243; CLCS; GP170; MDR1; p-170; P-GP; PGY1
ACCN: NM_000927
Insert Size: 1256 bp
Insert Sequence: >SC208086 3'UTR clone of NM_000927
 The sequence shown below is from the reference sequence of NM_000927. 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
AGTGTCCAGGCTGGAACAAAGCGCCAGTGA ACTCTGACTGTATGAGATGTTAAACTTTTTAATATTT
GTTTAGATATGACATTTATTCAAAGTTAAAAGCAAACACTTACAGAATTATGAAGAGGTATCTGTTTAA
CATTTCCCTCAGTCAAGTTCAGAGTCTTCAGAGACTTCGTAAATAAGGAACAGAGTGAGAGACATCATC
AAGTGGAGAGAAATCATAGTTTAAACTGCATTATAAAATTTTATAACAGAATTAAGTAGATTTTAAAG
ATAAAATGTGTAATTTTGTATTATTTTCCATTTGGACTGTAAGTACTGCTTGCCTTGTAAAAGATTATA
GAAGTAGCAAAAAGTATTGAAATGTTTGCATAAAGTGTCTATAATAAACTAAACTTTTCATGTGACTGG
AGTCATCTTGCCAAACTGCCTGTGAATATATCTTCTCTCAATTGGAATATTGTAGATAACTTCTGCTT
TAAAAAAGTTTTCTTTAAATATACCTACTATTTTTGTGGGAATGGTTAAGCAGTTTAAATAATCCTG
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GTGGGGTGAGGCACAATTATGAAGTGCATATTATTCAGATGTATAGTAAATACTTTGCATTGCTTTTAT
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CCATGAGTTTAACTACATCTTGATACAAACATGATAAAAAAGAAAAAATATATCCAAAGGTTGGGA
CTCTGGACGACAAATTTTTTAAATTAGCCAAAAAGCATTATTAACATTAAACTATATTTACTATAA
ACAATTGCTATCTTAAATAAGCAACTTCTAAAAATAAAAAAAGAAGCCATCACCTCCAGGAAAAA
ATAGGAAAAGGATATAATCAGGTAATTCTCAAAGAAGAAATGCATGAGAAAAATGTATACAGTTTCAACA
ATCAAATAAATGCAAATTAACAAAATATCATTTTTTTGCTTGAATTTAATGATGAATAAAAAAAT
CTAATGTGACATTC
ACGCGT AAGCGGCCGCGCATCTAGATTGAAAGAAATGACCGACCAAGCGACGCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG
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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_000927.5
Summary:	<p>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. The protein encoded by this gene is an ATP-dependent drug efflux pump for xenobiotic compounds with broad substrate specificity. It is responsible for decreased drug accumulation in multidrug-resistant cells and often mediates the development of resistance to anticancer drugs. This protein also functions as a transporter in the blood-brain barrier. Mutations in this gene are associated with colchicine resistance and Inflammatory bowel disease 13. Alternative splicing and the use of alternative promoters results in multiple transcript variants. [provided by RefSeq, Feb 2017]</p>
Locus ID:	5243
MW:	49.9