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Product datasheet for RC221522L1V

MRP3 (ABCC3) (NM_003786) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MRP3 (ABCC3) (NM_003786) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MRP3
Synonyms:	ABC31; cMOAT2; EST90757; MLP2; MOAT-D; MRP3
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_003786
ORF Size:	4581 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC221522).`
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_003786.2
RefSeq Size:	5176 bp
RefSeq ORF:	4584 bp
Locus ID:	8714
UniProt ID:	O15438
Cytogenetics:	17q21.33
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters

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MW: 169.2 kDa

Gene 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. The specific function of this protein has not yet been determined; however, this protein may play a role in the transport of biliary and intestinal excretion of organic anions. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq, Jul 2008]