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Product datasheet for RC211938L4V

MRP6 (ABCC6) (NM_001171) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	MRP6 (ABCC6) (NM_001171) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MRP6
Synonyms:	ABC34; ARA; EST349056; GACI2; MLP1; MOAT-E; MOATE; MRP6; PXE; PXE1; URG7
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001171
ORF Size:	4509 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC211938).`
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_001171.2
RefSeq Size:	4535 bp
RefSeq ORF:	4512 bp
Locus ID:	368
UniProt ID:	O95255
Cytogenetics:	16p13.11
Domains:	ABC_membrane, ABC_tran, AAA
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: ABC transporters

MW: 164.7 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). The encoded protein, a member of the MRP subfamily, is involved in multi-drug resistance. Mutations in this gene cause pseudoxanthoma elasticum. Alternatively spliced transcript variants that encode different proteins have been described for this gene. [provided by RefSeq, Jul 2008]