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Product datasheet for MR227613L3V

Abcc2 (NM_013806) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abcc2 (NM_013806) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abcc2
Synonyms:	Abc30; AI173996; Cmoat; cMRP; Mrp2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_013806
ORF Size:	4629 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR227613).`
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_013806.2, NP_038834.2
RefSeq Size:	5389 bp
RefSeq ORF:	4632 bp
Locus ID:	12780
UniProt ID:	Q8VI47
Cytogenetics:	19 36.67 cM

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Gene Summary: 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 MRP subfamily which is involved in multi-drug resistance. This protein functions in the canalicular surface of the hepatocyte and in biliary transport, and appears to contribute to drug resistance in mammalian cells. Several different mutations in the human gene have been observed in patients with Dubin-Johnson syndrome (DJS), an autosomal recessive disorder characterized by conjugated hyperbilirubinemia. Alternative splice variants have been observed for this gene; however, they have not been fully described. [provided by RefSeq, Jul 2008]

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