

Product datasheet for **MR225723L4V**

Abcc1 (NM_008576) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abcc1 (NM_008576) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abcc1
Synonyms:	Abcc; Abcc1a; Abcc1b; M; Md; Mdrap; Mr; MRP; Mrp1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_008576
ORF Size:	4584 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225723).
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_008576.3 , NP_032602.1
RefSeq Size:	5944 bp
RefSeq ORF:	4587 bp
Locus ID:	17250
UniProt ID:	O35379
Cytogenetics:	16 A1



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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 full transporter is a member of the MRP subfamily which is involved in multi-drug resistance. This protein plays an essential role in the defense against toxic compounds and serves as the major high-affinity transporter of leukotriene C4. The encoded protein may also play an essential role in steroid hormone homeostasis as a transporter for steroid hormones and their metabolites. [provided by RefSeq, Nov 2011]