

Product datasheet for **MR224350L4V**

Abcc9 (NM_021042) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Abcc9 (NM_021042) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abcc9
Synonyms:	AI414027; AI449286; SU; SUR; Sur2; SUR2A; SUR2B
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_021042
ORF Size:	4533 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR224350).
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_021042.2 , NP_066379.2
RefSeq Size:	7433 bp
RefSeq ORF:	4536 bp
Locus ID:	20928
UniProt ID:	P70170
Cytogenetics:	6 74.35 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. The human protein is thought to form ATP-sensitive potassium channels in cardiac, skeletal, and vascular and non-vascular smooth muscle. Protein structure suggests a role as the drug-binding channel-modulating subunit of the extrapancreatic ATP-sensitive potassium channels. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Jul 2015]