

## Product datasheet for **RC221421L4V**

### ABCC12 (NM\_033226) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	ABCC12 (NM_033226) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABCC12
Synonyms:	MRP9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_033226
ORF Size:	4077 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221421).
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. <a href="#">More info</a>
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:	<a href="#">NM_033226.1</a>
RefSeq Size:	5168 bp
RefSeq ORF:	4080 bp
Locus ID:	94160
UniProt ID:	<a href="#">Q96J65</a>
Cytogenetics:	16q12.1
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters



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**MW:** 152.1 kDa

**Gene Summary:** This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two ATP-binding domains and 12 transmembrane regions. ABC proteins transport various molecules across extra- and intracellular membranes. ABC genes are divided into seven distinct subfamilies: ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White. This gene is a member of the MRP subfamily which is involved in multi-drug resistance. This gene and another subfamily member are arranged head-to-tail on chromosome 16q12.1. Increased expression of this gene is associated with breast cancer. [provided by RefSeq, Jul 2008]