

## Product datasheet for **MR227241L3V**

### **Abcg1 (NM\_009593) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Abcg1 (NM_009593) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Abcg1
Synonyms:	Abc; Abc8; AW413978; Whit; White
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009593
ORF Size:	1998 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227241).
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_009593.2</a> , <a href="#">NP_033723.1</a>
RefSeq Size:	5821 bp
RefSeq ORF:	2001 bp
Locus ID:	11307
UniProt ID:	<a href="#">Q64343</a>
Cytogenetics:	17 A3.3



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**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). This protein is a member of the White subfamily. The human protein is involved in macrophage cholesterol efflux and may regulate cellular lipid homeostasis in other cell types. [provided by RefSeq, Jul 2008]