

## Product datasheet for **RC226953L4V**

### **ABCG4 (NM\_001142505) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ABCG4 (NM_001142505) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABCG4
Synonyms:	WHITE2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142505
ORF Size:	1938 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226953).
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_001142505.1</a> , <a href="#">NP_001135977.1</a>
RefSeq ORF:	1941 bp
Locus ID:	64137
UniProt ID:	<a href="#">Q9H172</a>
Cytogenetics:	11q23.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters
MW:	71.7 kDa



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**Gene Summary:**

The protein encoded by this gene is a member of the ATP-binding cassette (ABC) transporter superfamily. 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). The encoded protein is a member of the White subfamily and plays an important role in cellular cholesterol homeostasis. This protein functions as either a homodimer or as a heterodimer with another ABC subfamily protein such as ABCG1. [provided by RefSeq, Jan 2017]