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Product datasheet for RC221834L3V

ABCG1 (NM_004915) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ABCG1 (NM_004915) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABCG1
Synonyms:	ABC8; WHITE1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_004915
ORF Size:	2035 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC221834).`
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_004915.3, NP_004906.3
RefSeq Size:	3018 bp
RefSeq ORF:	2037 bp
Locus ID:	9619
UniProt ID:	P45844
Cytogenetics:	21q22.3
Domains:	ABC_tran, AAA
Protein Families:	Druggable Genome, Transmembrane

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Protein Pathways: ABC transporters

MW: 74.21 kDa

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. It is involved in macrophage cholesterol and phospholipids transport, and may regulate cellular lipid homeostasis in other cell types. Six alternative splice variants have been identified. [provided by RefSeq, Jul 2008]