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Product datasheet for RC220098L4V

ABCA5 (NM_172232) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ABCA5 (NM_172232) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ABCA5
Synonyms:	ABC13; EST90625; HTC3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_172232
ORF Size:	4926 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220098).
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_172232.2
RefSeq Size:	8177 bp
RefSeq ORF:	4929 bp
Locus ID:	23461
UniProt ID:	Q8WWZ7
Cytogenetics:	17q24.3
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	ABC transporters

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MW: 186.5 kDa

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 intracellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, and White). This encoded protein is a member of the ABC1 subfamily. Members of the ABC1 subfamily comprise the only major ABC subfamily found exclusively in multicellular eukaryotes. This gene is clustered among 4 other ABC1 family members on 17q24, but neither the substrate nor the function of this gene is known. Alternative splicing of this gene results in several transcript variants; however, not all variants have been fully described. [provided by RefSeq, Jul 2008]