

Product datasheet for **RC221041L4V**

ABCA9 (NM_080283) Human Tagged ORF Clone Lentiviral Particle

Product data:

| | |
|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | ABCA9 (NM_080283) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ABCA9 |
| Synonyms: | EST640918 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_080283 |
| ORF Size: | 4872 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC221041). |
| 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_080283.2 |
| RefSeq Size: | 6112 bp |
| RefSeq ORF: | 4875 bp |
| Locus ID: | 10350 |
| UniProt ID: | Q8IUA7 |
| Cytogenetics: | 17q24.2 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | ABC transporters |



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MW: 184.2 kDa

Gene Summary: This gene is a member of the superfamily of ATP-binding cassette (ABC) transporters and the encoded protein contains two transmembrane domains and two nucleotide binding folds. 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 ABC1 subfamily and is clustered with four other ABC1 family members on chromosome 17q24. Transcriptional expression of this gene is induced during monocyte differentiation into macrophages and is suppressed by cholesterol import. [provided by RefSeq, Jul 2008]