

## Product datasheet for **RC226230L3V**

### VAV2 (NM\_001134398) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | VAV2 (NM_001134398) Human Tagged ORF Clone Lentiviral Particle   |
| Symbol:                   | VAV2   |
| Synonyms:                 | VAV-2  |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-Myc-DDK-P2A-Puro (PS100092)   |
| Tag:                      | Myc-DDK  |
| ACCN:                     | NM_001134398   |
| ORF Size:                 | 2634 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(RC226230).   |
| 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_001134398.1</a>   |
| RefSeq ORF:               | 2637 bp  |
| Locus ID:                 | 7410   |
| UniProt ID:               | <a href="#">P52735</a>   |
| Cytogenetics:             | 9q34.2   |
| Protein Families:         | Druggable Genome   |


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**Protein Pathways:** B cell receptor signaling pathway, Chemokine signaling pathway, Fc epsilon RI signaling pathway, Fc gamma R-mediated phagocytosis, Focal adhesion, Leukocyte transendothelial migration, Natural killer cell mediated cytotoxicity, Regulation of actin cytoskeleton, T cell receptor signaling pathway

**MW:** 101.1 kDa

**Gene Summary:** VAV2 is the second member of the VAV guanine nucleotide exchange factor family of oncogenes. Unlike VAV1, which is expressed exclusively in hematopoietic cells, VAV2 transcripts were found in most tissues. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2008]