

## OriGene Technologies, Inc.

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## Product datasheet for RC208728L2V

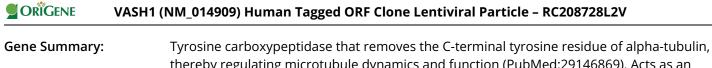
## VASH1 (NM\_014909) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

| Product Type:                | Lentiviral Particles                                                                                                                                                                                                                                                                                                                                                                                                                      |
|------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name:                | VASH1 (NM_014909) Human Tagged ORF Clone Lentiviral Particle                                                                                                                                                                                                                                                                                                                                                                              |
| Symbol:                      | VASH1                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Synonyms:                    | KIAA1036; TTCP 1                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Mammalian Cell<br>Selection: | None                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Vector:                      | pLenti-C-mGFP (PS100071)                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Tag:                         | mGFP                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| ACCN:                        | NM_014909                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ORF Size:                    | 1095 bp                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| ORF Nucleotide<br>Sequence:  | The ORF insert of this clone is exactly the same as(RC208728).                                                                                                                                                                                                                                                                                                                                                                            |
| 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. <u>More info</u> |
| 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:                      | <u>NM 014909.2</u>                                                                                                                                                                                                                                                                                                                                                                                                                        |
| RefSeq Size:                 | 6030 bp                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| RefSeq ORF:                  | 1098 bp                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Locus ID:                    | 22846                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| UniProt ID:                  | <u>Q7L8A9</u>                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Cytogenetics:                | 14q24.3                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Protein Families:            | Secreted Protein                                                                                                                                                                                                                                                                                                                                                                                                                          |
| MW:                          | 41 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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thereby regulating microtubule dynamics and function (PubMed:29146869). Acts as an angiogenesis inhibitor: inhibits migration, proliferation and network formation by endothelial cells as well as angiogenesis (PubMed:15467828, PubMed:16488400, PubMed:16707096, PubMed:19204325). This inhibitory effect is selective to endothelial cells as it does not affect the migration of smooth muscle cells or fibroblasts (PubMed:15467828, PubMed:16488400, PubMed:16707096).[UniProtKB/Swiss-Prot Function]

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