

Product datasheet for **RC205667L4V**

VAM1 (MPP6) (NM_016447) Human Tagged ORF Clone Lentiviral Particle

Product data:

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|---------------------------|--|
| Product Type: | Lentiviral Particles |
| Product Name: | VAM1 (MPP6) (NM_016447) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | VAM1 |
| Synonyms: | p55T; PALS2; VAM-1; VAM1 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_016447 |
| ORF Size: | 1620 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC205667). |
| 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_016447.2 , NP_057531.2 |
| RefSeq Size: | 2201 bp |
| RefSeq ORF: | 1623 bp |
| Locus ID: | 51678 |
| UniProt ID: | Q9NZW5 |
| Cytogenetics: | 7p15.3 |
| Domains: | SH3, PDZ, L27, Guanylate_kin, GuKc |
| Protein Families: | Druggable Genome, Stem cell - Pluripotency |



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MW: 61.1 kDa

Gene Summary: Members of the peripheral membrane-associated guanylate kinase (MAGUK) family function in tumor suppression and receptor clustering by forming multiprotein complexes containing distinct sets of transmembrane, cytoskeletal, and cytoplasmic signaling proteins. All MAGUKs contain a PDZ-SH3-GUK core and are divided into 4 subfamilies, DLG-like (see DLG1; MIM 601014), ZO1-like (see TJP1; MIM 601009), p55-like (see MPP1; MIM 305360), and LIN2-like (see CASK; MIM 300172), based on their size and the presence of additional domains. MPP6 is a member of the p55-like MAGUK subfamily (Tseng et al., 2001 [PubMed 11311936]).[supplied by OMIM, Mar 2008]