

Product datasheet for RC205667L4V

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

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

The ORF insert of this clone is exactly the same as(RC205667).

Sequence:
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.

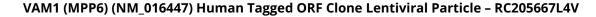
RefSeg: NM 016447.2, NP 057531.2

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





ORIGENE

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]