

## OriGene Technologies, Inc.

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## Product datasheet for RC219311L3V

## VPS29 (NM\_016226) Human Tagged ORF Clone Lentiviral Particle

## **Product data:**

Product Name:VPS29 (NM_016226) Human Tagged ORF Clone Lentiviral ParticleSymbol:VPS29Synonyms:DC7; DC15; PEP11Maemaalian CellPuromycinSelection:plenti-C-Myc-DDK-P2A-Puro (PS100092)Yector:plenti-C-Myc-DDK-P2A-Puro (PS100092)Tag:Myc-DDKACCN:NM_016226ORF Size:546 bpORF NucleotideThe oRF insert of this clone is exactly the same as(RC219311).Sequence:The molecular sequence of this clone aligns with the gene accession number as a point of neference 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 infoOTI Annotation:This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.RefSeq ORF:549 bpLocus ID:51699UniProt ID:Q9UBOOUniProt ID:Q9UBOOUniProt ID:Q9UBONWetallophosMw:20.3 kDa	Product Type:	Lentiviral Particles
Synonyms:DC7; DC15; PEP11Mammalian Cell Selection:PuromycinVector:pLenti-C-Myc-DDK-P2A-Puro (PS100092)Tag:Myc-DDKACCN:NM_016226ORF Size:546 bpORF Nucleotide sequence:The ORF insert of this clone is exactly the same as (RC219311).Sequence: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 infoOTI 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 016226.2RefSeq ORF:549 bpLocus ID:090 BpIniProt ID:09UBOOOriProt ID:09UBOOOriprot ID:09UBOOChanse:12224.11Domains:Metallophos	Product Name:	VPS29 (NM_016226) Human Tagged ORF Clone Lentiviral Particle
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Locus ID:51699UniProt ID:Q9UBQ0Cytogenetics:12q24.11Domains:Metallophos	RefSeq Size:	1095 bp
UniProt ID: Q9UBQ0   Cytogenetics: 12q24.11   Domains: Metallophos	RefSeq ORF:	549 bp
Cytogenetics:12q24.11Domains:Metallophos	Locus ID:	51699
Domains: Metallophos	UniProt ID:	<u>Q9UBQ0</u>
	Cytogenetics:	12q24.11
MW: 20.3 kDa	Domains:	Metallophos
	MW:	20.3 kDa



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	VPS29 (NM_016226) Human Tagged ORF Clone Lentiviral Particle – RC219311L3V
Gene Summary:	This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this
	gene is a component of a large multimeric complex, termed the retromer complex, which is

involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms and representing non-protein coding transcripts have been found for this gene. [provided by RefSeq, Aug 2013]

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