

Product datasheet for **RC210597L3V**

VPS35 (NM_018206) Human Tagged ORF Clone Lentiviral Particle

Product data:

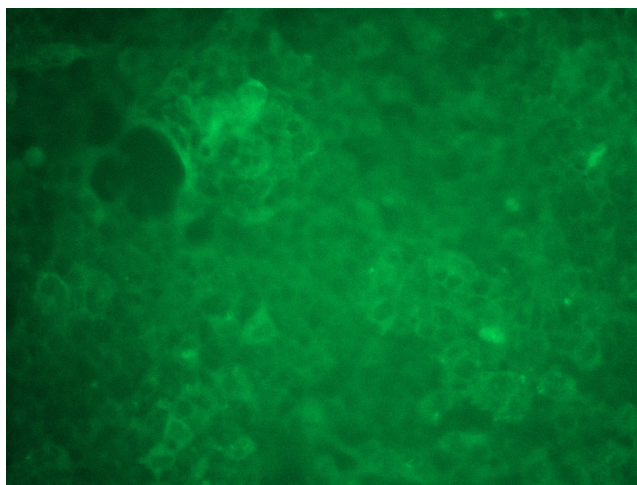
Product Type:	Lentiviral Particles
Product Name:	VPS35 (NM_018206) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VPS35
Synonyms:	MEM3; PARK17
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_018206
ORF Size:	2388 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210597).
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_018206.3
RefSeq Size:	3298 bp
RefSeq ORF:	2391 bp
Locus ID:	55737
UniProt ID:	Q96QK1
Cytogenetics:	16q11.2
Domains:	Vps35
MW:	91.7 kDa



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Gene Summary:

This gene belongs to a group of vacuolar protein sorting (VPS) genes. The encoded protein is a component of a large multimeric complex, termed the retromer complex, involved in retrograde transport of proteins from endosomes to the trans-Golgi network. The close structural similarity between the yeast and human proteins that make up this complex suggests a similarity in function. Expression studies in yeast and mammalian cells indicate that this protein interacts directly with VPS35, which serves as the core of the retromer complex. [provided by RefSeq, Jul 2008]

Product images:

[RC210597L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC210597L3V particle to overexpress human VPS35-Myc-DDK fusion protein.