

## Product datasheet for **RC214704L4V**

### VPS54 (NM\_016516) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	VPS54 (NM_016516) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VPS54
Synonyms:	HCC8; hVps54L; PPP1R164; SLP-8p; VPS54L; WR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016516
ORF Size:	2931 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214704).
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. <a href="#">More info</a>
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:	<a href="#">NM_016516.2</a>
RefSeq Size:	3994 bp
RefSeq ORF:	2934 bp
Locus ID:	51542
UniProt ID:	<a href="#">Q9P1Q0</a>
Cytogenetics:	2p15-p14
MW:	110.4 kDa


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**Gene Summary:**

This gene encodes for a protein that in yeast forms part of a trimeric vacuolar-protein-sorting complex that is required for retrograde transport of proteins from prevacuoles to the late Golgi compartment. As in yeast, mammalian Vps54 proteins contain a coiled-coil region and dileucine motifs. Alternative splicing results in multiple transcript variants encoding different isoforms [provided by RefSeq, Jul 2008]