

Product datasheet for **RR201735L4V**

Vipas39 (NM_001101004) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vipas39 (NM_001101004) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Vipas39
Synonyms:	hSPE-39; Spe39; Vipar
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001101004
ORF Size:	1380 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR201735).
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_001101004.1 , NP_001094474.1
RefSeq Size:	2441 bp
RefSeq ORF:	1383 bp
Locus ID:	681989
UniProt ID:	Q5PQN6
Cytogenetics:	6q31


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Gene Summary:

Proposed to be involved in endosomal maturation implicating in part VPS33B. In epithelial cells, the VPS33B:VIPAS39 complex may play a role in the apical RAB11A-dependent recycling pathway and in the maintenance of the apical-basolateral polarity. May play a role in lysosomal trafficking, probably via association with the core HOPS complex in a discrete population of endosomes; the functions seems to be independent of VPS33B. May play a role in vesicular trafficking during spermatogenesis. May be involved in direct or indirect transcriptional regulation of E-cadherin (By similarity).[UniProtKB/Swiss-Prot Function]