Product datasheet for RC212173L2V

VANGL2 (NM_020335) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VANGL2 (NM_020335) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VANGL2
Synonyms:	LPP1; LTAP; STB1; STBM; STBM1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_020335
ORF Size:	1563 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212173).
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_020335.1
RefSeq Size:	5415 bp
RefSeq ORF:	1566 bp
Locus ID:	57216
UniProt ID:	Q9ULK5
Cytogenetics:	1q23.2
Protein Families:	Transmembrane
Protein Pathways:	Wnt signaling pathway

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MW: 59.5 kDa

Gene Summary: The protein encoded by this gene is a membrane protein involved in the regulation of planar cell polarity, especially in the stereociliary bundles of the cochlea. The encoded protein transmits directional signals to individual cells or groups of cells in epithelial sheets. This protein is also involved in the development of the neural plate. [provided by RefSeq, Sep 2011]