

Product datasheet for **RR207730L4V**

Vangl2 (NM_001105969) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Vangl2 (NM_001105969) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Vangl2
Synonyms:	Ltap
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001105969
ORF Size:	1563 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR207730).
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_001105969.1 , NP_001099439.1
RefSeq Size:	2813 bp
RefSeq ORF:	1566 bp
Locus ID:	289229
UniProt ID:	P84889
Cytogenetics:	13q24



[View online »](#)

Gene Summary:

Involved in the control of early morphogenesis and patterning of both axial midline structures and the development of neural plate. Plays a role in the regulation of planar cell polarity, particularly in the orientation of stereociliary bundles in the cochlea. Required for polarization and movement of myocardializing cells in the outflow tract and seems to act via RHOA signaling to regulate this process. Required for cell surface localization of FZD3 and FZD6 in the inner ear (By similarity).[UniProtKB/Swiss-Prot Function]