

Product datasheet for **RC211396L4V**

PLXNC1 (NM_005761) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PLXNC1 (NM_005761) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PLXNC1
Synonyms:	CD232; PLXN-C1; VESPR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005761
ORF Size:	4704 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211396).
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_005761.1 , NP_005752.1
RefSeq Size:	5121 bp
RefSeq ORF:	4707 bp
Locus ID:	10154
UniProt ID:	O60486
Cytogenetics:	12q22
Domains:	Sema, PSI, IPT, PSI
Protein Families:	Druggable Genome, Transmembrane



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Protein Pathways: Axon guidance

MW: 175.6 kDa

Gene Summary: This gene encodes a member of the plexin family. Plexins are transmembrane receptors for semaphorins, a large family of proteins that regulate axon guidance, cell motility and migration, and the immune response. The encoded protein and its ligand regulate melanocyte adhesion, and viral semaphorins may modulate the immune response by binding to this receptor. The encoded protein may be a tumor suppressor protein for melanoma. Alternatively spliced transcript variants have been observed for this gene. [provided by RefSeq, Jan 2011]