

Product datasheet for **RC211463L4V**

PCDH9 (NM_203487) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PCDH9 (NM_203487) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCDH9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_203487
ORF Size:	3711 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211463).
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_203487.1 , NP_982354.1
RefSeq Size:	6229 bp
RefSeq ORF:	3714 bp
Locus ID:	5101
UniProt ID:	Q9HC56
Cytogenetics:	13q21.32
Protein Families:	Druggable Genome, Transmembrane
MW:	133.5 kDa



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Gene Summary:

This gene encodes a member of the protocadherin family, and cadherin superfamily, of transmembrane proteins containing cadherin domains. These proteins mediate cell adhesion in neural tissues in the presence of calcium. The encoded protein may be involved in signaling at neuronal synaptic junctions. Sharing a characteristic with other protocadherin genes, this gene has a notably large exon that encodes multiple cadherin domains and a transmembrane region. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Nov 2012]