

## Product datasheet for **RC227022L4V**

### PCDH15 (NM\_001142770) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PCDH15 (NM_001142770) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCDH15
Synonyms:	CDHR15; DFNB23; USH1F
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001142770
ORF Size:	4617 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC227022).
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. <a href="#">More info</a>
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:	<a href="#">NM_001142770.1</a>
RefSeq ORF:	4620 bp
Locus ID:	65217
Cytogenetics:	10q21.1
Protein Families:	Druggable Genome, Transmembrane
MW:	171.26 kDa



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**Gene Summary:**

This gene is a member of the cadherin superfamily. Family members encode integral membrane proteins that mediate calcium-dependent cell-cell adhesion. It plays an essential role in maintenance of normal retinal and cochlear function. Mutations in this gene result in hearing loss and Usher Syndrome Type IF (USH1F). Extensive alternative splicing resulting in multiple isoforms has been observed in the mouse ortholog. Similar alternatively spliced transcripts are inferred to occur in human, and additional variants are likely to occur. [provided by RefSeq, Dec 2008]