

## Product datasheet for **RC214524L4V**

### PCDH10 (NM\_020815) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PCDH10 (NM_020815) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCDH10
Synonyms:	OL-PCDH; PCDH19
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_020815
ORF Size:	2688 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214524).
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_020815.1</a>
RefSeq Size:	3935 bp
RefSeq ORF:	2691 bp
Locus ID:	57575
UniProt ID:	<a href="#">Q9P2E7</a>
Cytogenetics:	4q28.3
Domains:	CA
Protein Families:	Druggable Genome, Transmembrane

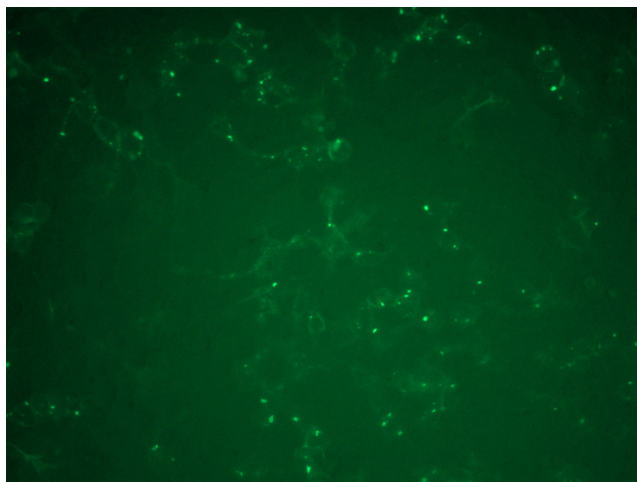


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MW: 94.9 kDa

**Gene Summary:** This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. This family member contains 6 extracellular cadherin domains, a transmembrane domain and a cytoplasmic tail differing from those of the classical cadherins. The encoded protein is a cadherin-related neuronal receptor thought to function in the establishment of specific cell-cell connections in the brain. This gene plays a role in inhibiting cancer cell motility and cell migration. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jan 2015]

**Product images:**



[RC214524L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC214524L4V particle to overexpress human PCDH10-mGFP fusion protein.