OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC206023L3V

PCDH8 (NM_002590) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PCDH8 (NM_002590) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCDH8
Synonyms:	ARCADLIN; PAPC
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002590
ORF Size:	3210 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206023).
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_002590.2
RefSeq Size:	4077 bp
RefSeq ORF:	3213 bp
Locus ID:	5100
UniProt ID:	O95206
Cytogenetics:	13q14.3
Domains:	CA
Protein Families:	Transmembrane

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MW: 113 kDa

Gene Summary: This gene belongs to the protocadherin gene family, a subfamily of the cadherin superfamily. The gene encodes an integral membrane protein that is thought to function in cell adhesion in a CNS-specific manner. Unlike classical cadherins, which are generally encoded by 15-17 exons, this gene includes only 3 exons. Notable is the large first exon encoding the extracellular region, including 6 cadherin domains and a transmembrane region. Alternative splicing yields isoforms with unique cytoplasmic tails. [provided by RefSeq, Jul 2008]