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Product datasheet for RC207717L3V

PCDH1 (NM_002587) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PCDH1 (NM_002587) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCDH1
Synonyms:	PC42; PCDH42
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002587
ORF Size:	3180 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207717).
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_002587.3
RefSeq Size:	3845 bp
RefSeq ORF:	3183 bp
Locus ID:	5097
UniProt ID:	Q08174
Cytogenetics:	5q31.3
Domains:	CA
Protein Families:	Transcription Factors, Transmembrane

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MW: 114.7 kDa

Gene Summary: This gene belongs to the protocadherin subfamily within the cadherin superfamily. The encoded protein is a membrane protein found at cell-cell boundaries. It is involved in neural cell adhesion, suggesting a possible role in neuronal development. The protein includes an extracelllular region, containing 7 cadherin-like domains, a transmembrane region and a C-terminal cytoplasmic region. Cells expressing the protein showed cell aggregation activity. Alternative splicing occurs in this gene. [provided by RefSeq, Jul 2008]