

Product datasheet for **RC207170L4V**

N Cadherin (CDH2) (NM_001792) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	N Cadherin (CDH2) (NM_001792) Human Tagged ORF Clone Lentiviral Particle
Symbol:	N Cadherin
Synonyms:	ACOGS; ARVD14; CD325; CDHN; CDw325; NCAD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001792
ORF Size:	2718 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207170).
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_001792.2
RefSeq Size:	4380 bp
RefSeq ORF:	2721 bp
Locus ID:	1000
UniProt ID:	P19022
Cytogenetics:	18q12.1
Domains:	Cadherin_C_term, CA
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



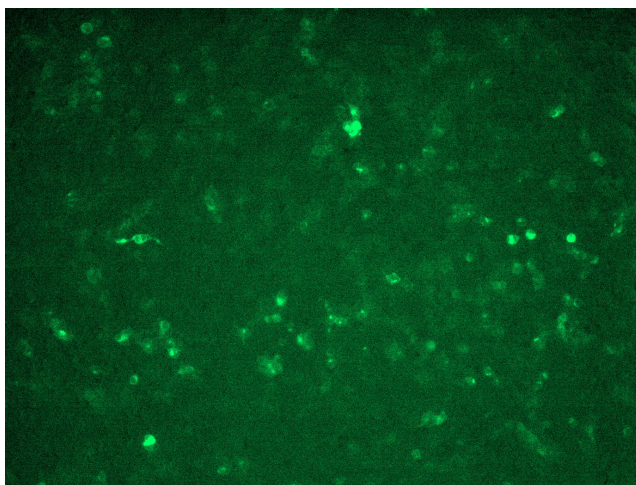
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Protein Pathways: Arrhythmogenic right ventricular cardiomyopathy (ARVC), Cell adhesion molecules (CAMs)

MW: 99.8 kDa

Gene Summary: This gene encodes a classical cadherin and member of the cadherin superfamily. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein is proteolytically processed to generate a calcium-dependent cell adhesion molecule and glycoprotein. This protein plays a role in the establishment of left-right asymmetry, development of the nervous system and the formation of cartilage and bone. [provided by RefSeq, Nov 2015]

Product images:



[RC207170L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207170L4V particle to overexpress human CDH2-mGFP fusion protein.