

Product datasheet for **RC211298L4V**

LI Cadherin (CDH17) (NM_004063) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	LI Cadherin (CDH17) (NM_004063) Human Tagged ORF Clone Lentiviral Particle
Symbol:	LI Cadherin
Synonyms:	CDH16; HPT-1; HPT1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004063
ORF Size:	2496 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211298).
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_004063.2
RefSeq Size:	3697 bp
RefSeq ORF:	2499 bp
Locus ID:	1015
UniProt ID:	Q12864
Cytogenetics:	8q22.1
Protein Families:	Transmembrane
MW:	92.15 kDa



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Gene Summary:

This gene is a member of the cadherin superfamily, genes encoding calcium-dependent, membrane-associated glycoproteins. The encoded protein is cadherin-like, consisting of an extracellular region, containing 7 cadherin domains, and a transmembrane region but lacking the conserved cytoplasmic domain. The protein is a component of the gastrointestinal tract and pancreatic ducts, acting as an intestinal proton-dependent peptide transporter in the first step in oral absorption of many medically important peptide-based drugs. The protein may also play a role in the morphological organization of liver and intestine. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2009]