

## Product datasheet for **RC201114L4V**

### **M Cadherin (CDH15) (NM\_004933) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	M Cadherin (CDH15) (NM_004933) Human Tagged ORF Clone Lentiviral Particle
Symbol:	M Cadherin
Synonyms:	CDH3; CDH14; CDHM; MCAD; MRD3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004933
ORF Size:	2442 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201114).
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_004933.2</a>
RefSeq Size:	2875 bp
RefSeq ORF:	2445 bp
Locus ID:	1013
UniProt ID:	<a href="#">P55291</a>
Cytogenetics:	16q24.3
Protein Families:	Transmembrane
Protein Pathways:	Cell adhesion molecules (CAMs)



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**MW:** 88.9 kDa

**Gene Summary:** This gene is a member of the cadherin superfamily of genes, encoding calcium-dependent intercellular adhesion glycoproteins. Cadherins consist of an extracellular domain containing 5 cadherin domains, a transmembrane region, and a conserved cytoplasmic domain. Transcripts from this particular cadherin are expressed in myoblasts and upregulated in myotubule-forming cells. The protein is thought to be essential for the control of morphogenetic processes, specifically myogenesis, and may provide a trigger for terminal muscle cell differentiation. [provided by RefSeq, Jul 2008]