

## Product datasheet for **MR210219L4V**

### **Cdh13 (NM\_019707) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cdh13 (NM_019707) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdh13
Synonyms:	4932416G01Rik; Cdht; T-cadh; Tca; Tcad
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019707
ORF Size:	2145 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210219).
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_019707.2</a> , <a href="#">NP_062681.2</a>
RefSeq Size:	2290 bp
RefSeq ORF:	2145 bp
Locus ID:	12554
UniProt ID:	<a href="#">Q9WTR5</a>
Cytogenetics:	8 65.97 cM



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**Gene Summary:**

This gene encodes a member of the cadherin family of calcium-dependent glycoproteins that mediate cell adhesion and regulate many morphogenetic events during development. The encoded preproprotein is further processed to generate a mature protein. This gene is highly expressed in the vasculature including endothelial cells, smooth muscle cells and pericytes, where the encoded protein binds to adiponectin and has been implicated in the modulation of angiogenesis. Multiple distinct genes of the cadherin family, including this gene, are found on chromosome 8. [provided by RefSeq, Nov 2015]