

## Product datasheet for **MR225628L4V**

### **Cdh11 (NM\_009866) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Cdh11 (NM_009866) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdh11
Synonyms:	Cad1; Cad11; OB-cad; OSF-4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009866
ORF Size:	2388 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR225628).
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_009866.4</a>
RefSeq Size:	4216 bp
RefSeq ORF:	2391 bp
Locus ID:	12552
UniProt ID:	<a href="#">P55288</a>
Cytogenetics:	8 50.44 cM



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**Gene Summary:**

This gene encodes a type II classical cadherin and preproprotein that is proteolytically processed to generate a mature protein product. This protein product is an integral membrane protein that mediates calcium-dependent cell-cell adhesion, specifically in the context of bone development. Homozygous knockout mice for this gene exhibit impaired synovium development and reduced bone density. Multiple pseudogenes of this gene have been identified in the genome. [provided by RefSeq, Aug 2015]