

Product datasheet for **MR215926L4V**

Cdh4 (NM_009867) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdh4 (NM_009867) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdh4
Synonyms:	AW120700; R-Ca; R-CAD; R-Cadh; Rc; Rcad
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_009867
ORF Size:	2739 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215926).
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>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</p>
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_009867.2 , NP_033997.1
RefSeq Size:	6393 bp
RefSeq ORF:	2742 bp



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Locus ID: 12561

UniProt ID: [P39038](#)

Cytogenetics: 2 101.86 cM

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. The encoded protein is involved in retinal angiogenesis during development where it plays a crucial role in the endothelial-astrocyte interactions. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2015]