

Product datasheet for **MR210637L3V**

Cdh5 (NM_009868) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdh5 (NM_009868) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdh5
Synonyms:	7B4; AA408225; Cd144; VE; VE-C; VE-Cad; Vec; VEcad; VECD
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_009868
ORF Size:	2352 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR210637).
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_009868.3 , NP_033998.2
RefSeq Size:	4004 bp
RefSeq ORF:	2355 bp
Locus ID:	12562
UniProt ID:	P55284
Cytogenetics:	8 53.04 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. Mice lacking the encoded protein die in utero due to vascular insufficiency, caused by increased endothelial apoptosis. Multiple distinct genes of the cadherin family, including this gene, are found on chromosome 8. [provided by RefSeq, Oct 2015]