

## Product datasheet for **MR223032L4V**

### **Pcdh12 (NM\_017378) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Pcdh12 (NM_017378) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pcdh12
Synonyms:	Pcdh14; VE-cad-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_017378
ORF Size:	3540 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR223032).
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_017378.2</a> , <a href="#">NP_059074.2</a>
RefSeq Size:	5587 bp
RefSeq ORF:	3543 bp
Locus ID:	53601
UniProt ID:	<a href="#">O55134</a>
Cytogenetics:	18 B3



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**Gene Summary:**

Cellular adhesion molecule that may play an important role in cell-cell interactions at interendothelial junctions (PubMed:9651350). Acts as a regulator of cell migration, probably via increasing cell-cell adhesion (By similarity). Promotes homotypic calcium-dependent aggregation and adhesion and clusters at intercellular junctions (PubMed:9651350). Unable to bind to catenins, weakly associates with the cytoskeleton (PubMed:9651350). [UniProtKB/Swiss-Prot Function]