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Product datasheet for MR227582L4V

Cdh3 (NM_001037809) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cdh3 (NM_001037809) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cdh3
Synonyms:	AI385538; Ca; Cadp; Cdhp; P-cad; P-cadherin; Pc; Pcad
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001037809
ORF Size:	2469 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(MR227582).`
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_001037809.4, NP_001032898.1
RefSeq Size:	4037 bp
RefSeq ORF:	2469 bp
Locus ID:	12560
UniProt ID:	P10287
Cytogenetics:	8 53.16 cM

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Gene Summary: This gene encodes a calcium-dependent cell-cell adhesion protein containing five cadherin domains. The encoded protein plays a role in epithelial outgrowth, such as that which occurs during the development of hair follicles and limb buds. Loss of function of the related gene in humans results in ectodermal dysplasia, ectrodactyly, and macular dystrophy and congential hypotrichosis with juvenile macular dystrophy. This gene is located in the vicinity of similar cadherin genes on chromosome 8. The proprotein is further cleaved into a functional chain. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Mar 2013]