

Product datasheet for **RC226328L4V**

PCDH19 (NM_001105243) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PCDH19 (NM_001105243) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PCDH19
Synonyms:	DEE9; EFMR; EIEE9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001105243
ORF Size:	3303 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC226328).
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_001105243.1
RefSeq ORF:	3306 bp
Locus ID:	57526
UniProt ID:	Q8TAB3
Cytogenetics:	Xq22.1
Protein Families:	Transmembrane
MW:	120.9 kDa


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Gene Summary:

The protein encoded by this gene is a member of the delta-2 protocadherin subclass of the cadherin superfamily. The encoded protein is thought to be a calcium-dependent cell-adhesion protein that is primarily expressed in the brain. Mutations in this gene on human chromosome X are associated with sporadic infantile epileptic encephalopathy and to a female-restricted form of epilepsy (EFMR; also known as PCDH19RE). Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2017]