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Product datasheet for RC224464L3V

delta 2 Catenin (CTNND2) (NM_001332) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	delta 2 Catenin (CTNND2) (NM_001332) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CTNND2
Synonyms:	GT24; NPRAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_001332
ORF Size:	3675 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224464).
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_001332.2
RefSeq Size:	5440 bp
RefSeq ORF:	3678 bp
Locus ID:	1501
UniProt ID:	Q9UQB3
Cytogenetics:	5p15.2
Domains:	Armadillo_seg
Protein Families:	Druggable Genome

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MW: 132.5 kDa

Gene Summary: This gene encodes an adhesive junction associated protein of the armadillo/beta-catenin superfamily and is implicated in brain and eye development and cancer formation. The protein encoded by this gene promotes the disruption of E-cadherin based adherens junction to favor cell spreading upon stimulation by hepatocyte growth factor. This gene is overexpressed in prostate adenocarcinomas and is associated with decreased expression of tumor suppressor E-cadherin in this tissue. This gene resides in a region of the short arm of chromosome 5 that is deleted in Cri du Chat syndrome. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2013]