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Product datasheet for RC204209L3V

gamma Catenin (JUP) (NM_002230) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	gamma Catenin (JUP) (NM_002230) Human Tagged ORF Clone Lentiviral Particle
Symbol:	gamma Catenin
Synonyms:	CTNNG; DP3; DPIII; PDGB; PG; PKGB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_002230
ORF Size:	2235 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204209).
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_002230.1
RefSeq Size:	3508 bp
RefSeq ORF:	2238 bp
Locus ID:	3728
UniProt ID:	P14923
Cytogenetics:	17q21.2
Domains:	Armadillo_seg
Protein Families:	Druggable Genome

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Protein Pathways: Acute myeloid leukemia, Arrhythmogenic right ventricular cardiomyopathy (ARVC), Pathways in cancer

MW: 81.7 kDa

Gene Summary: This gene encodes a major cytoplasmic protein which is the only known constituent common to submembranous plaques of both desmosomes and intermediate junctions. This protein forms distinct complexes with cadherins and desmosomal cadherins and is a member of the catenin family since it contains a distinct repeating amino acid motif called the armadillo repeat. Mutation in this gene has been associated with Naxos disease. Alternative splicing occurs in this gene; however, not all transcripts have been fully described. [provided by RefSeq, Jul 2008]