Product datasheet for RC201001L3V

Plakophilin 3 (PKP3) (NM_007183) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plakophilin 3 (PKP3) (NM_007183) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Plakophilin 3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_007183
ORF Size:	2391 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201001).
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_007183.2, NP_009114.1
RefSeq Size:	2845 bp
RefSeq ORF:	2394 bp
Locus ID:	11187
UniProt ID:	Q9Y446
Cytogenetics:	11p15.5
Domains:	Armadillo_seg
MW:	86.9 kDa

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Gene Summary: This gene encodes a member of the arm-repeat (armadillo) and plakophilin gene families. Plakophilin proteins contain numerous armadillo repeats, localize to cell desmosomes and nuclei, and participate in linking cadherins to intermediate filaments in the cytoskeleton. This protein may act in cellular desmosome-dependent adhesion and signaling pathways. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2014]