

Product datasheet for **RC216972L2V**

Plakophilin 1 (PKP1) (NM_001005337) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Plakophilin 1 (PKP1) (NM_001005337) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Plakophilin 1
Synonyms:	B6P; EDSFS
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_001005337
ORF Size:	2178 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216972).
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_001005337.1
RefSeq Size:	5384 bp
RefSeq ORF:	2181 bp
Locus ID:	5317
UniProt ID:	Q13835
Cytogenetics:	1q32.1
Protein Families:	Druggable Genome
MW:	80.5 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 be involved in molecular recruitment and stabilization during desmosome formation. Mutations in this gene have been associated with the ectodermal dysplasia/skin fragility syndrome. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2010]