

## Product datasheet for **RC212065L3V**

### Palladin (PALLD) (NM\_016081) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Palladin (PALLD) (NM_016081) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Palladin
Synonyms:	CGI-151; CGI151; MYN; PNCA1; SIH002
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_016081
ORF Size:	3318 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC212065).
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. <a href="#">More info</a>
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:	<a href="#">NM_016081.3</a>
RefSeq Size:	5809 bp
RefSeq ORF:	3321 bp
Locus ID:	23022
UniProt ID:	<a href="#">Q8WX93</a>
Cytogenetics:	4q32.3
Domains:	ig, IGc2, IG
MW:	121.9 kDa



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**Gene Summary:**

This gene encodes a cytoskeletal protein that is required for organizing the actin cytoskeleton. The protein is a component of actin-containing microfilaments, and it is involved in the control of cell shape, adhesion, and contraction. Polymorphisms in this gene are associated with a susceptibility to pancreatic cancer type 1, and also with a risk for myocardial infarction. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2009]