

## Product datasheet for **RC204308L2V**

### PARP3 (NM\_005485) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PARP3 (NM_005485) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PARP3
Synonyms:	ADPRT3; ADPRTL2; ADPRTL3; ARTD3; IRT1; PADPRT-3
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_005485
ORF Size:	1599 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC204308).
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_005485.4</a> , <a href="#">NP_005476.4</a>
RefSeq Size:	2360 bp
RefSeq ORF:	1602 bp
Locus ID:	10039
UniProt ID:	<a href="#">Q9Y6F1</a>
Cytogenetics:	3p21.2
Domains:	PARP, PARP_reg
Protein Families:	Druggable Genome



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**Protein Pathways:** Base excision repair

**MW:** 60.1 kDa

**Gene Summary:** The protein encoded by this gene belongs to the PARP family. These enzymes modify nuclear proteins by poly-ADP-ribosylation, which is required for DNA repair, regulation of apoptosis, and maintenance of genomic stability. This gene encodes the poly(ADP-ribosyl)transferase 3, which is preferentially localized to the daughter centriole throughout the cell cycle. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Jul 2008]