

## Product datasheet for **RC220444L1V**

### PARP4 (NM\_006437) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	PARP4 (NM_006437) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PARP4
Synonyms:	ADPRTL1; ARTD4; p193; PARP-4; PARPL; PH5P; VAULT3; VPARP; VWA5C
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_006437
ORF Size:	5172 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC220444).
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_006437.2</a>
RefSeq Size:	5468 bp
RefSeq ORF:	5175 bp
Locus ID:	143
UniProt ID:	<a href="#">Q9UUK3</a>
Cytogenetics:	13q12.12
Domains:	PARP, BRCT, VWA, VIT
Protein Families:	Druggable Genome



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**Protein Pathways:** Base excision repair

**MW:** 192.4 kDa

**Gene Summary:** This gene encodes poly(ADP-ribose)transferase-like 1 protein, which is capable of catalyzing a poly(ADP-ribose)ation reaction. This protein has a catalytic domain which is homologous to that of poly (ADP-ribose) transferase, but lacks an N-terminal DNA binding domain which activates the C-terminal catalytic domain of poly (ADP-ribose) transferase. Since this protein is not capable of binding DNA directly, its transferase activity may be activated by other factors such as protein-protein interaction mediated by the extensive carboxyl terminus. [provided by RefSeq, Jul 2008]