

## Product datasheet for **RC230157L4V**

### DNA Polymerase lambda (POLL) (NM\_001174085) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DNA Polymerase lambda (POLL) (NM_001174085) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNA Polymerase lambda
Synonyms:	BETAN; POLKAPPA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001174085
ORF Size:	1449 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230157).
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_001174085.1</a> , <a href="#">NP_001167556.1</a>
RefSeq ORF:	1452 bp
Locus ID:	27343
UniProt ID:	<a href="#">Q9UGP5</a>
Cytogenetics:	10q24.32
Protein Families:	Druggable Genome
Protein Pathways:	Base excision repair, Non-homologous end-joining



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**MW:** 54 kDa

**Gene Summary:** This gene encodes a DNA polymerase. DNA polymerases catalyze DNA-template-directed extension of the 3'-end of a DNA strand. This particular polymerase, which is a member of the X family of DNA polymerases, likely plays a role in non-homologous end joining and other DNA repair processes. Alternatively spliced transcript variants have been described. [provided by RefSeq, Mar 2010]