

Product datasheet for **RC230298L4V**

DNA Polymerase lambda (POLL) (NM_001174084) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DNA Polymerase lambda (POLL) (NM_001174084) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLL
Synonyms:	BETAN; POLKAPPA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001174084
ORF Size:	1725 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC230298).
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_001174084.1 , NP_001167555.1
RefSeq Size:	2804 bp
RefSeq ORF:	1728 bp
Locus ID:	27343
UniProt ID:	Q9UGP5
Cytogenetics:	10q24.32
Protein Families:	Druggable Genome



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Protein Pathways: Base excision repair, Non-homologous end-joining

MW: 63.4 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]