

## Product datasheet for **RC211447L4V**

### DNA polymerase mu (POLM) (NM\_013284) Human Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	DNA polymerase mu (POLM) (NM_013284) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLM
Synonyms:	Pol Mu; Tdt-N
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_013284
ORF Size:	1482 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC211447).
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_013284.1</a>
RefSeq Size:	2589 bp
RefSeq ORF:	1485 bp
Locus ID:	27434
UniProt ID:	<a href="#">Q9NP87</a>
Cytogenetics:	7p13
Domains:	POLXc
Protein Families:	Druggable Genome



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**Protein Pathways:** Non-homologous end-joining

**MW:** 54.6 kDa

**Gene Summary:** Gap-filling polymerase involved in repair of DNA double-strand breaks by non-homologous end joining (NHEJ). Participates in immunoglobulin (Ig) light chain gene rearrangement in V(D)J recombination.[UniProtKB/Swiss-Prot Function]