

Product datasheet for **RC200874L3V**

DNA Polymerase epsilon (POLE3) (NM_017443) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DNA Polymerase epsilon (POLE3) (NM_017443) Human Tagged ORF Clone Lentiviral Particle
Symbol:	POLE3
Synonyms:	CHARAC17; CHRAC2; CHRAC17; p17; YBL1
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_017443
ORF Size:	441 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200874).
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_017443.3
RefSeq Size:	2288 bp
RefSeq ORF:	444 bp
Locus ID:	54107
UniProt ID:	Q9NRF9
Cytogenetics:	9q32
Domains:	CBFD_NFYB_HMF



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Protein Pathways:	Base excision repair, DNA replication, Metabolic pathways, Nucleotide excision repair, Purine metabolism, Pyrimidine metabolism
MW:	16.9 kDa
Gene Summary:	POLE3 is a histone-fold protein that interacts with other histone-fold proteins to bind DNA in a sequence-independent manner. These histone-fold protein dimers combine within larger enzymatic complexes for DNA transcription, replication, and packaging.[supplied by OMIM, Apr 2004]