

Product datasheet for **RC210765L2V**

DNA Polymerase beta (POLB) (NM_002690) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	DNA Polymerase beta (POLB) (NM_002690) Human Tagged ORF Clone Lentiviral Particle
Symbol:	DNA Polymerase beta
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_002690
ORF Size:	1005 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210765).
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_002690.1
RefSeq Size:	1259 bp
RefSeq ORF:	1008 bp
Locus ID:	5423
UniProt ID:	P06746
Cytogenetics:	8p11.21
Domains:	POLXc, HhH1
Protein Families:	Druggable Genome
Protein Pathways:	Base excision repair



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MW: 38 kDa

Gene Summary: The protein encoded by this gene is a DNA polymerase involved in base excision and repair, also called gap-filling DNA synthesis. The encoded protein, acting as a monomer, is normally found in the cytoplasm, but it translocates to the nucleus upon DNA damage. Several transcript variants of this gene exist, but the full-length nature of only one has been described to date. [provided by RefSeq, Sep 2011]