

## LV-CMV-L-MYC for both in vitro and in vivo

SKU: PLV-10009

### General Information

MYC is a regulator gene that codes for a transcription factor is believed to regulate expression of 15% of all genes. L-MYC is an isotype of the MYC family, shown to be important in forms of cancer.

Premade lentiviral vectors includes both 5' and 3' lentiviral LTR and all necessary elements for effective transduction and expression of the target genes as well as antibiotics resistant genes or reporters. A woodchuck hepatitis virus posttranscriptional regulatory element (WPRE) is believed to promote RNA processing events and nuclear export, boosting expression of your gene of interest in target cells by facilitating the production of mature mRNA from transcripts initiated by the vector's internal promoter (e.g. pCMV).

### Quick Facts:

<b>Virus:</b>	LV-CMV-L-MYC
<b>Titer (approx):</b>	$1 \times 10^8$ CFU/mL
<b>Vector Information:</b>	Vector includes both 5' and 3' lentiviral LTR and all necessary elements for effective transduction; woodchuck hepatitis virus posttranscriptional regulatory element (WPRE)
<b>Promoter for Target Gene:</b>	CMV
<b>Target Gene / Reporter(s):</b>	L-MYC
<b>Selection Gene:</b>	Puromycin
<b>Biosafety Level:</b>	BSL-2
<b>Shipped:</b>	Dry ice
<b>Storage:</b>	Store at -80C

**Comments:** N/A

**References:** N/A