

DATASHEET

LV-II-CMV-Luc-IRES-GFP virus

Cat. VSL-0067

Titer:	~10 ⁶ IU/ml
Medium:	DMEM, 10% FBS
Volume:	10 ml
Selection marker:	Neomycin
Storage:	-70°C
How to use:	Thaw the recombinant lentivirus supernatant in a 37°C water bath; remove it from the bath immediately when thawed.
Description:	Ready-to-use virus expressing Luciferase and GFP can be used as a control in experiments with lentivirus transductions of target cells or for the generation of stable cell lines.

Lenti-II-CMV-Luc-IRES-GFP virus is VSV-G pseudotyped lentivirus that can infect both dividing and non-dividing mammalian cells. It was generated by co-transfection of 293T packaging cells with pLV-II-CMV-Luc-IRES-GFP plasmid (Fig.1) and Packing Mix. Virus-containing supernatant has been harvested 48-72 hours post-transfection, centrifuged at 3000rpm for 15 minutes at +4°C to pellet debris, and then filtered through 0.45µm PVDF syringe.

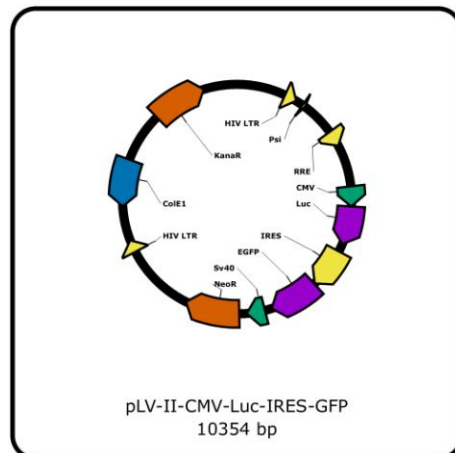


Fig.1. pLV-II-CMV-Luc-IRES-GFP vector map.

For research use only