

Plasmid Message

This product is an sh-RNA control expression plasmid constructed using pLVX-sh-zsGreen-Puro as the vector plasmid.

Carrier vector	pLVX-sh-zsGreen-Puro
Plasmid type	Lentiviral expression vector; shRNA expression vector
Clone Method	Multiple clone site, restriction enzyme
Promoter	U6; PGK; CMV
5' Sequencing primers and sequences	U6: GACTATCATATGCTTACCGT
Resistance	Ampicillin
Filter labels	Puromycin zsGreen
Clone Strain	E.coli cells (RecA-)
Host cell	Mammalian cell
Remarks	pLVX-sh-zsGreen-Purolentiviral expression vector is a lentiviral vector derived from HIV, which can be used for shRNA expression and cloning, efficient cell transfection to establish stable cell lines. The U6 promoter drives high-level expression of shRNA, while the PGK and CMV promoters drive moderate-level expression of the reporter gene.
Stability	Stable expression
Formative/Inductive	Formative
Viral and non-viral	Lentivirus

Package

10 ug

Storage

Stored at -20°C for 12 months.

Carrier Sequence

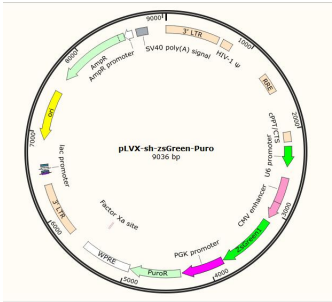
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Notes

- 1. When handling lentiviruses, it is recommended to use a Biosafety Cabinet (BL-2 level).
- 2. When handling lentiviruses, wear lab coats, masks, and gloves, and avoid exposing bare hands or arms.
- 3. Exercise extreme caution during handling to prevent aerosolization or splashing. If the laminar flow hood becomes contaminated, immediately clean it with a 10% sodium hypochlorite solution (or a mixture of 70% ethanol and 1% SDS). All virus-contaminated items-including pipette tips, centrifuge tubes, culture plates, and culture media must be soaked in 10% sodium hypochlorite solution for at least 1 hour before disposal.
- 4. For centrifugation, use a properly sealed centrifuge tube.
- 5. After lentivirus manipulation, remove gloves and wash hands with soap and water.

Validation Data



Carrier map