

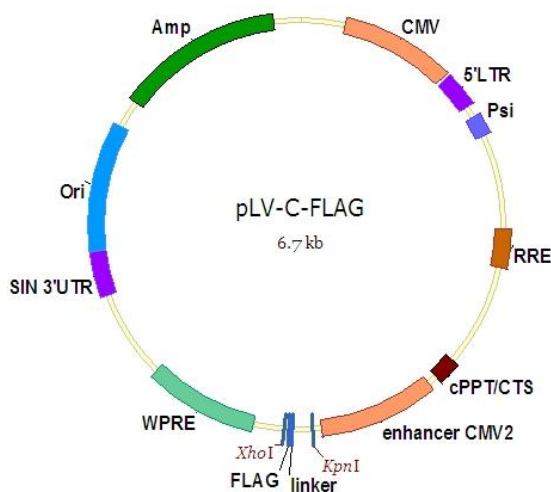
pLV-C-FLAG Lentivirus Control Plasmid



Sino Biological
Biological Solution Specialist

Catalog Number: LVCV-04

Physical Map of Plasmid



Vector Name	pLV-C-FLAG
Vector Size	6705bp
Vector Type	Lentiviral Vector
Promoter	CMV
Antibiotic Resistance	Ampicillin
Protein Tag	FLAG
Selection In Mammalian Cells	None

Schematic of pLV-C-FLAG Multiple Cloning Sites

CTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCTAATACGACTCACTATAG
pLen-F sequencing Primer *EcoRI*
GGGCCGCCACCAAGCTTGGTACCGCTAGCGGATCCGTTAACCTTAAGACCGGTATGGGCTGGTCCTGCATCATCCTG
KpnI linker
TTCCTCGTGGCGACCGCGACCGGGGTCCACAGCGATATCATCGATAGCGCTCCC GGG GGT GGA GGC TCT GAT
SmaI G G G G S D
FLAG
TAC AAG GAT GAC GAC GAT AAG TAA ACTCGAGTCTGCGGCCGCCGTTTAAACGGCCGGCCGCGGTCTGTACAA
Y K D D D D K stop *XhoI* *NotI* *PmeI*
GTAGGATTCGTCGAGGGACCTAATAACTTCGTATAGCATACATTATACGAAGTTATACATGTTTAAGGGTTCCGGTTC
pLen-R sequencing Primer

Other Information

Lot : Please refer to the label on the tube

Shipping carrier : Each tube contains approximately 10 µg of lyophilized plasmid.

Storage : The lyophilized plasmid can be stored at ambient temperature for three months.

Sequencing primer list :

pLen-F: 5' CTCGTTTAGTGAACCGTCAGAATT 3'

pLen-R : 5' GAACCGGAACCCCTAAACATGT 3'

pLen-F and pLen-R are designed by Sino Biological Inc. Customers can order the primer pair from any oligonucleotide supplier.

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Plasmid Resuspension protocol

1. Centrifuge at $5,000 \times g$ for 5 min.
2. Carefully open the tube and add 100 μ l of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin to concentrate the liquid at the bottom. Speed is less than $5000 \times g$.
5. Store the plasmid at -20°C .

E.coli strains for transformation (recommended but not limited)

Most commercially available competent cells are appropriate for the plasmid, e.g. Stbl3, TOP10, DH5 α and JM109.