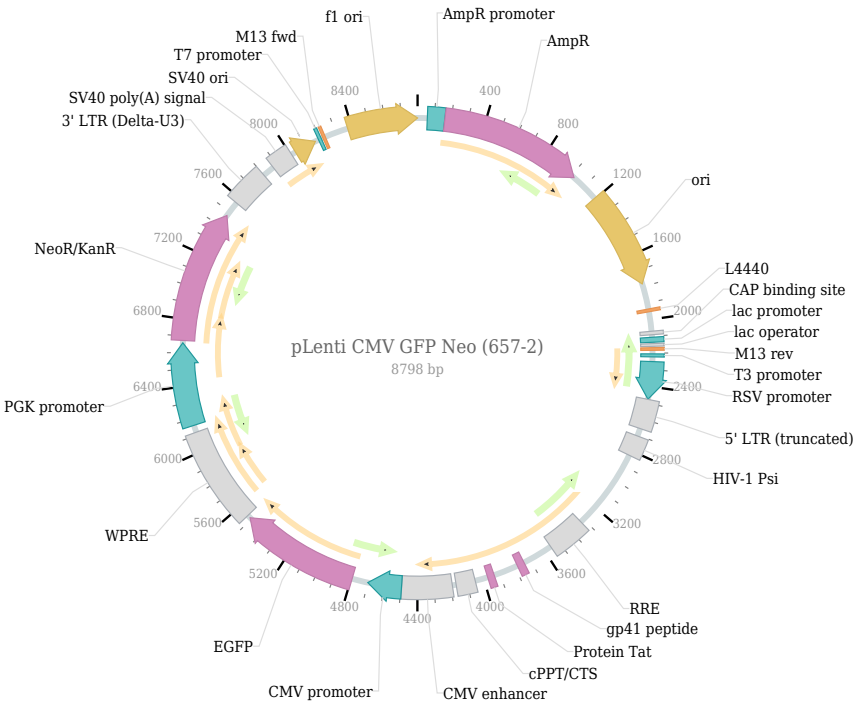
pLenti CMV GFP Neo (657-2)

Vector ID	V006704
Antibiotic Resistance	Ampicillin
Length	8798 bp
Vector Type	Mammalian Expression, Lentiviral

Product Information

Replication Origin	ori
Selection Marker	Neomycin (select with G418)
Copy Number	High Copy
Promoter	mPGK
Cloning Method	Restriction Enzyme
5' Primer	CMVforw
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pLenti CMV GFP Neo (657-2) is a lentiviral vector designed for high-efficiency gene delivery and stable expression in mammalian cells. It features a CMV promoter driving GFP reporter expression and a neomycin resistance gene (Neo) for selection with G418.

Vector Map



Plasmid Resuspension Protocol

1. Centrifuge at 5,000×g for 5 min.
2. Carefully open the tube and add sterile water to dissolve the DNA: add 20 µl for 5 µg plasmid, and 100 µl for 100 µg plasmid.
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×g.
5. Store the plasmid at -20 ℃.