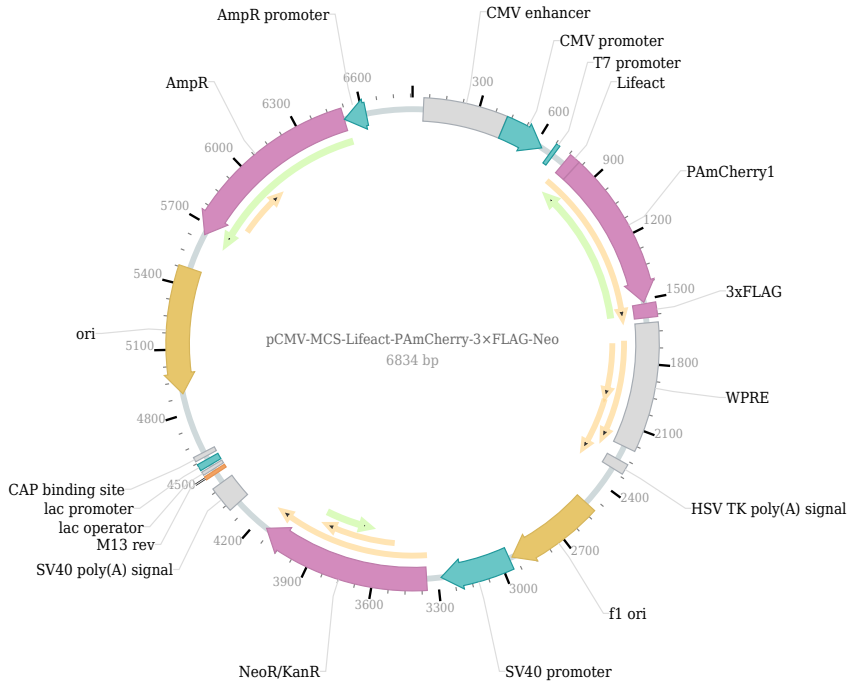
pCMV-MCS-Lifeact-PAmCherry-3×FLAG-Neo

Vector ID	V040178
Antibiotic Resistance	Ampicillin
Length	6834 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Neo/G418;PAmCherry1
Copy Number	High
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	DH5a
Growth Temperature	37℃
Expression Method	Transient
Comment	pCMV-MCS-Lifeact-PAmCherry-3xFLAG-Neo is a mammalian expression vector with CMV promoter, LifeAct peptide fused with PAmCherry photoactivatable red fluorescent protein for F-actin labeling, 3xFLAG tag, Neo resistance, for super-resolution actin imaging.

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 ℃.