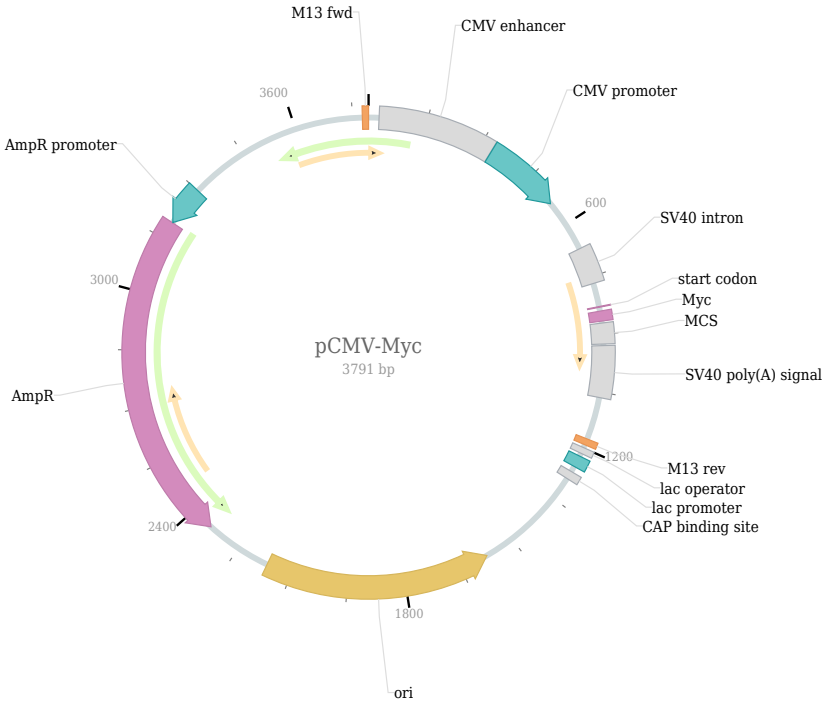
pCMV-Myc

Vector ID	V011245
Antibiotic Resistance	Ampicillin
Length	3791 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
3' Primer	M13 rev
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pCMV-Myc is a mammalian expression vector. It uses the strong CMV promoter to drive high-level expression of a target protein fused to a Myc epitope tag, facilitating detection, immunoprecipitation, or purification. It typically includes a multiple cloning site and an antibiotic resistance gene for selection.

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 ℃.