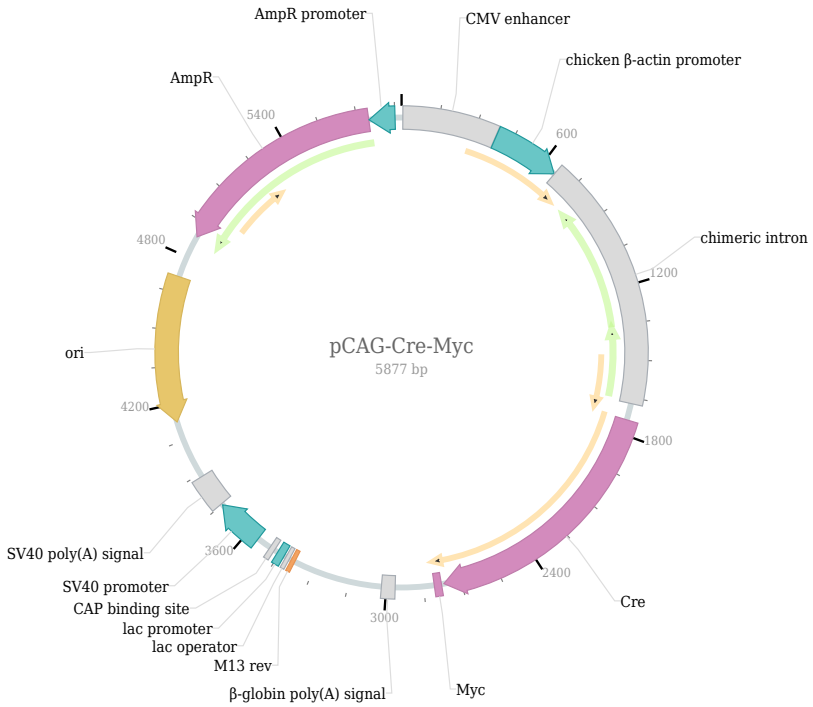
pCAG-Cre-Myc

Vector ID	V017973
Antibiotic Resistance	Ampicillin
Length	5877 bp
Vector Type	Gene-editing vector
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CAG
3' Primer	pcaggs-R
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pCAG-Cre-Myc is an expression vector that simultaneously expresses Cre recombinase and a Myc tag under the control of the CAG strong promoter. It is employed for studies involving conditional gene knockout and protein expression tracking.

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 ℃.