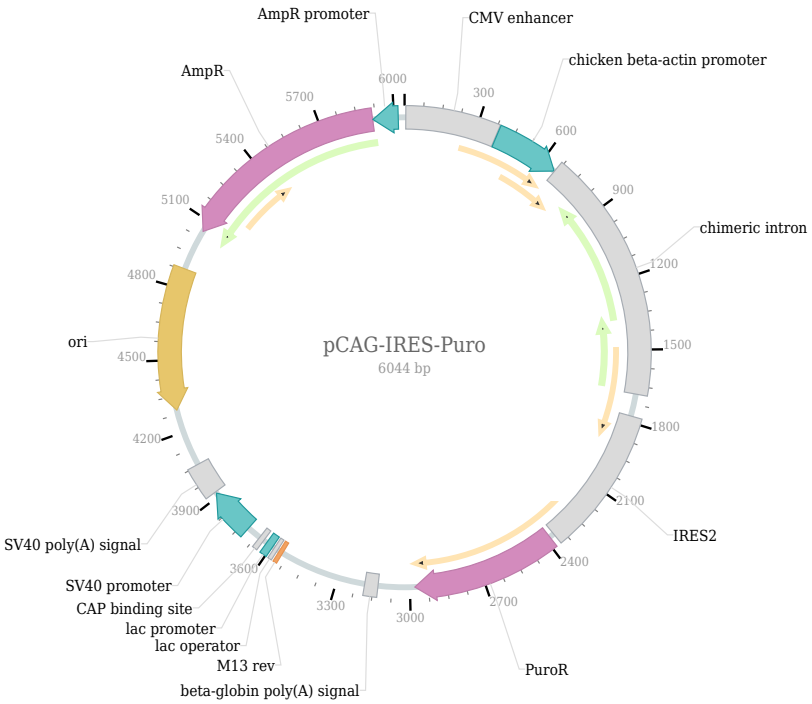
pCAG-IRES-Puro

Vector ID	V013365
Antibiotic Resistance	Ampicillin
Length	6044 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CAG
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pCAG-IRES-Puro is a mammalian bicistronic expression vector with CAG promoter driving gene of interest followed by IRES-linked puromycin resistance, enabling simultaneous gene expression and drug 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 ℃.