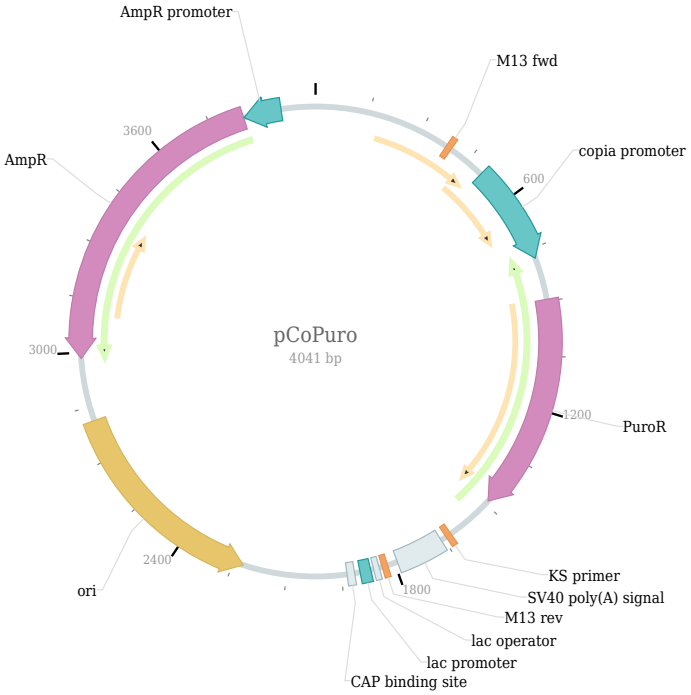
pCoPuro

Vector ID	V013471
Antibiotic Resistance	Ampicillin
Length	4041 bp
Vector Type	Packaging assistance
Host	Insect cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	copia
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pCoPURO is a Drosophila S2 cell co-expression vector containing the Copia promoter, puromycin N-acetyltransferase (pac) gene, and SV40 poly(A) signal. It enables rapid puromycin selection of stable transformants□dramatically faster than hygromycin or blasticidin 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 ℃.