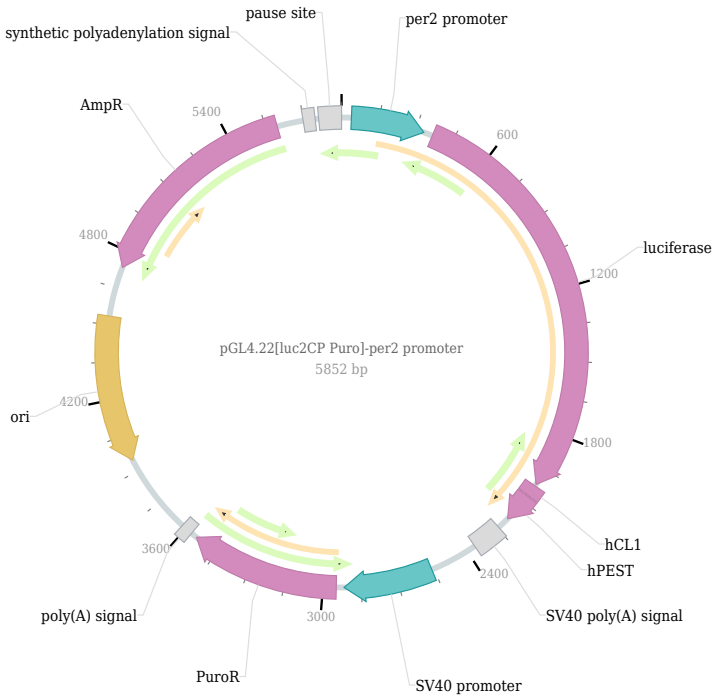
pGL4.22[luc2CP Puro]-per2 promoter

Vector ID	V013500
Antibiotic Resistance	Ampicillin
Length	5852 bp
Vector Type	Luciferase reporter
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	per2
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	The pGL4.22[luc2CP/Puro]-per2 promoter vector is a specialized tool for gene expression studies. Derived from the pGL4.22[luc2CP/Puro] vector, it has a multiple cloning region for inserting the per2 promoter. The luc2CP reporter gene enables sensitive detection of promoter activity changes.

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 ℃.