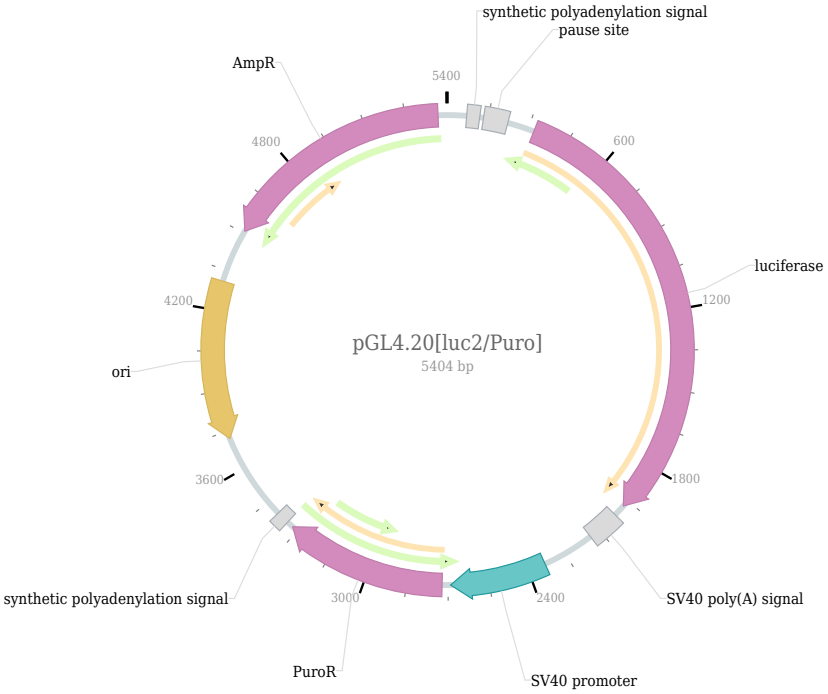
pGL4.20[luc2/Puro]

Vector ID	V011530
Antibiotic Resistance	Ampicillin
Length	5404 bp
Vector Type	Luciferase Vectors

Product Information

Replication Origin	ori
Source/Author	Promega
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pGL4.20 [luc2/Puro] vector was inserted with the NOS-3 promoter. Its transcriptional activity was assessed via luciferase assays, whilst Puro selection stabilised cells. This approach facilitated the investigation of SR11302's regulation of NOS-3 expression and its cellular protective mechanisms.

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 ℃.