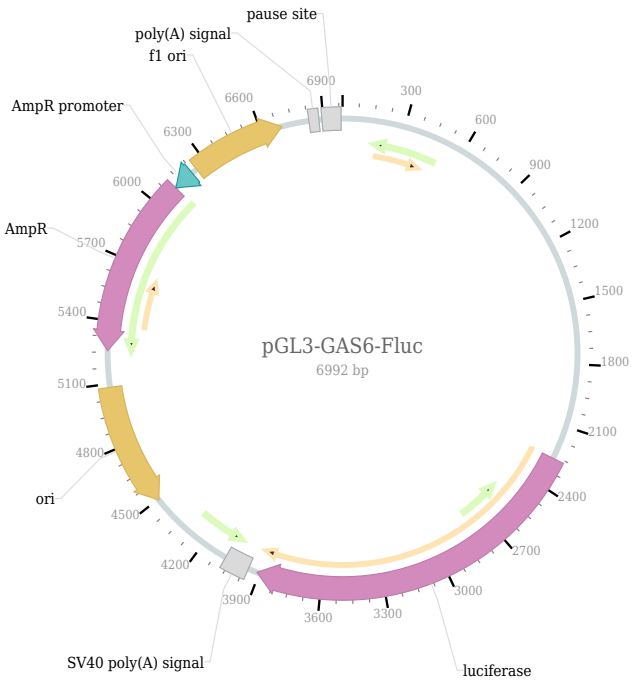
pGL3-GAS6-Fluc

Vector ID	V013692
Antibiotic Resistance	Ampicillin
Length	6992 bp
Vector Type	Luciferase reporter
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	GAS6
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pGL3-GAS6-Fluc (7.0 kb) is a luciferase reporter plasmid for studying gene regulation. It contains the GAS6 promoter driving firefly luciferase (Fluc). The vector includes an ampicillin resistance gene (AmpR), an f1 origin, and SV40 poly(A) signals for proper transcription termination. It is designed to measure transcriptional activity of the GAS6 gene in mammalian cells.

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 ℃.