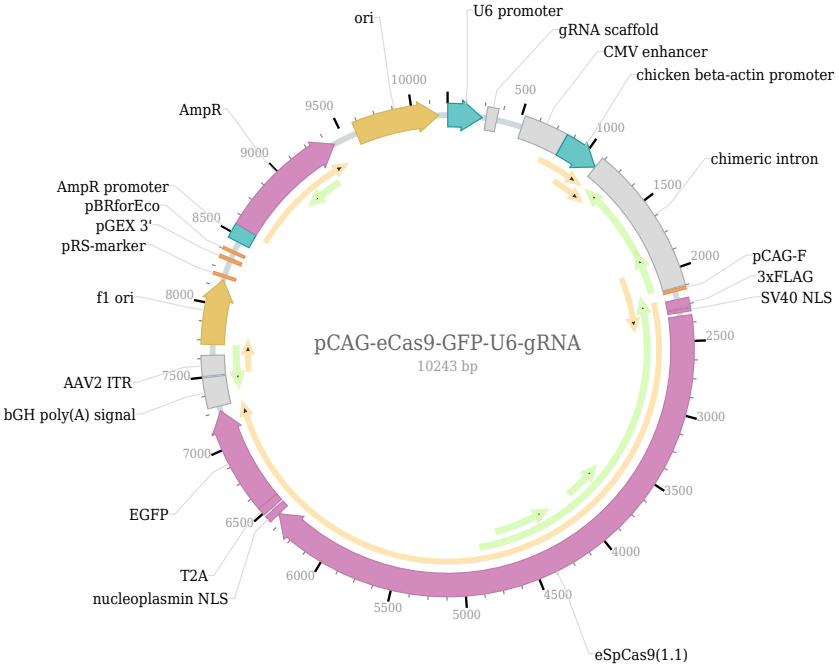
pCAG-eCas9-GFP-U6-gRNA

Vector ID	V000382
Antibiotic Resistance	Ampicillin
Length	10243 bp
Vector Type	Mammalian Expression, CRISPR

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	CAG
Cloning Method	Restriction Enzyme
5' Primer	ACTATCATATGCTTACCGTAAC
Comment	pCAG-eCas9-GFP-U6-gRNA is an all-in-one CRISPR/Cas9 vector with high-fidelity eSpCas9 expression in human pluripotent stem 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 ℃.