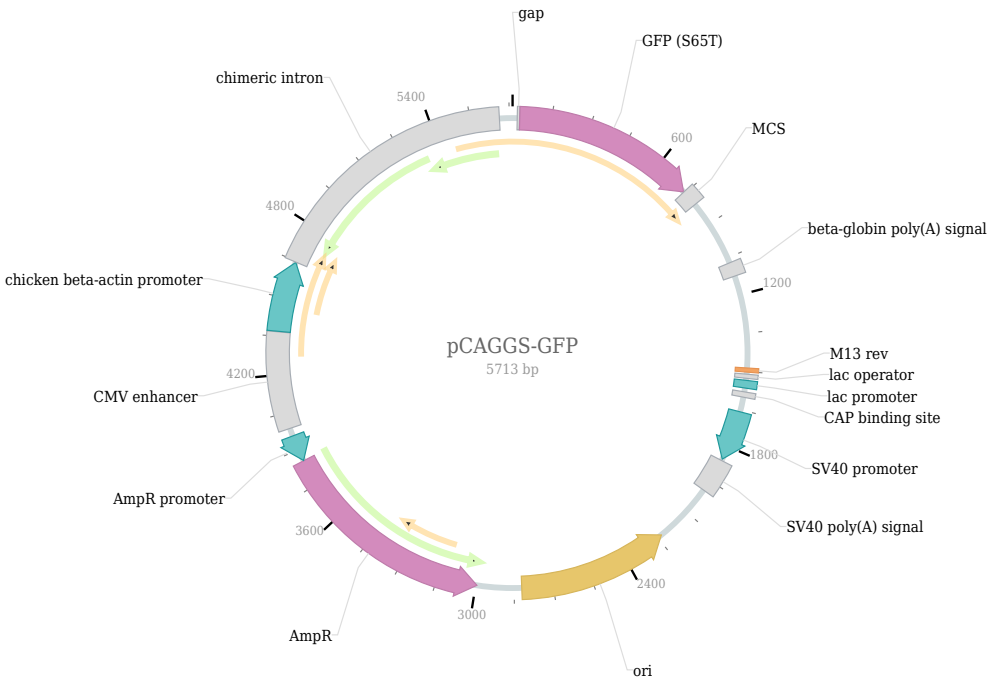
pCAGGS-GFP

Vector ID	V008822
Antibiotic Resistance	Ampicillin
Length	5713 bp
Vector Type	Mammalian expression vector

Product Information

Replication Origin	ori
Source/Author	De Schamphelaire W, Olbrechts A, Meert J, Verhelst K, Roggeman Fonseca M, Vanhoucke M, Beyaert R.
Promoter	CAG
Growth Strain(s)	Top10
Comment	pCAGGS-GFP is a mammalian expression vector. It uses the strong, constitutive CAG promoter to drive high-level expression of green fluorescent protein (GFP), enabling efficient fluorescent labeling and visualization of transfected cells in live imaging and transfection studies.

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 ℃.