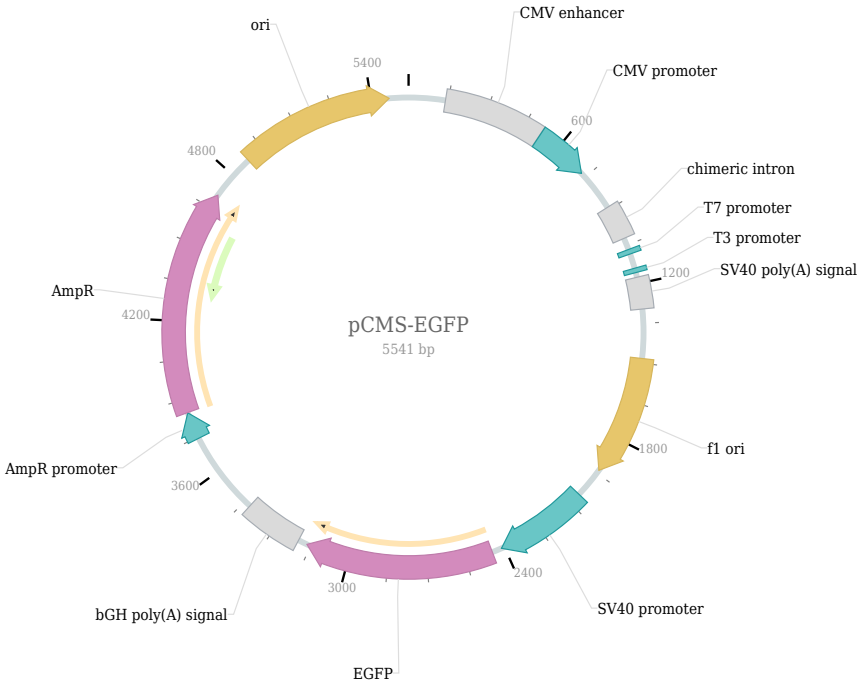
pCMS-EGFP

Vector ID	V006577
Antibiotic Resistance	Ampicillin
Length	5541 bp
Vector Type	Fluorescent Protein Reporter Vectors

Product Information

Replication Origin	ori
Promoter	CMV
Cloning Method	Enzyme digestion and ligation
Fusion Tag	EGFP
Growth Temperature	37℃
Comment	pCMS-EGFP is a 5,541 bp mammalian expression vector. It contains a CMV promoter for high-level gene expression, a multiple cloning site, and an SV40 promoter-driven EGFP reporter. The vector includes an ampicillin resistance gene for bacterial selection and allows simultaneous expression of a cloned gene and the EGFP marker.

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 ℃.