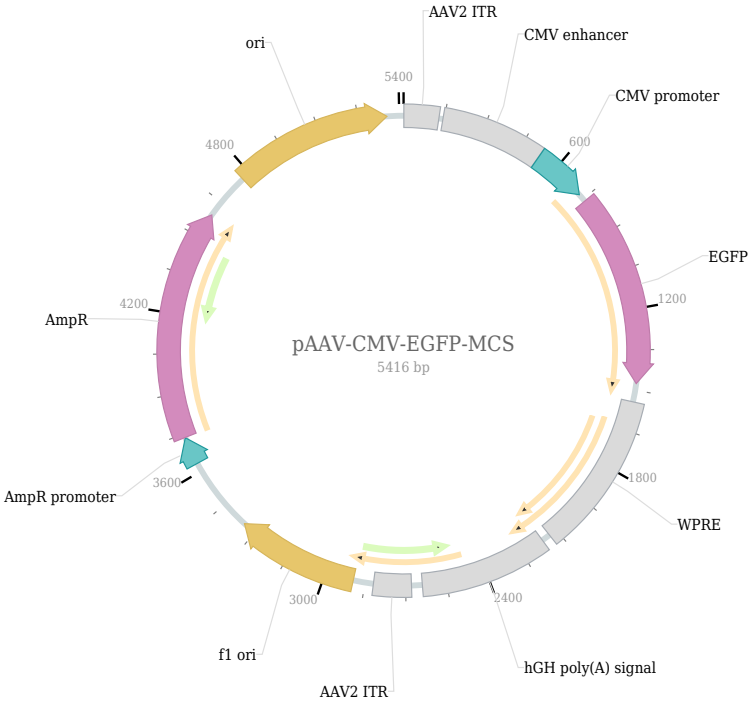
pAAV-CMV-EGFP-MCS

Vector ID	V014854
Antibiotic Resistance	Ampicillin
Length	5416 bp
Vector Type	Protein expression
Host	Mammalian cells, Adeno-associated virus

Product Information

Replication Origin	ori
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pAAV-CMV-EGFP-MCS is a mammalian expression plasmid for generating recombinant adeno-associated viruses (rAAV). It features a CMV promoter driving EGFP reporter gene expression and includes a multiple cloning site (MCS) for inserting genes of interest. The vector allows high-level protein production and contains an ampicillin resistance gene for bacterial selection.

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 ℃.