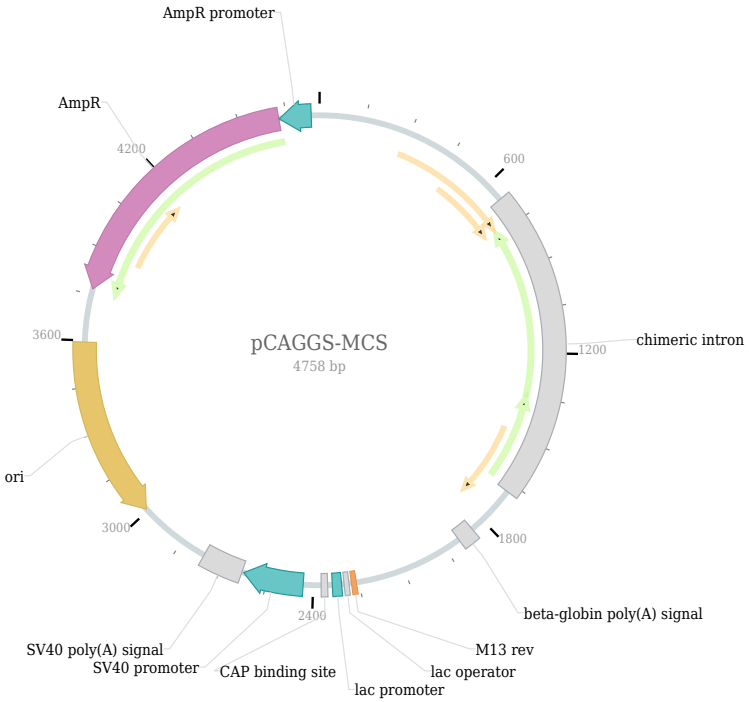
pCAGGS-MCS

Vector ID	V013474
Antibiotic Resistance	Ampicillin
Length	4758 bp
Vector Type	Protein expression
Host	Mammalian cells

Product Information

Replication Origin	ori
Promoter	CAG
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pCAGGS-MCS is a mammalian expression vector that is commonly used for gene overexpression studies. It contains the CMV promoter, which is a strong promoter that is active in a wide range of cell types. The only difference from pCAGGS-MCS to pCAGGS (V008798) is the MCS region.

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 ℃.