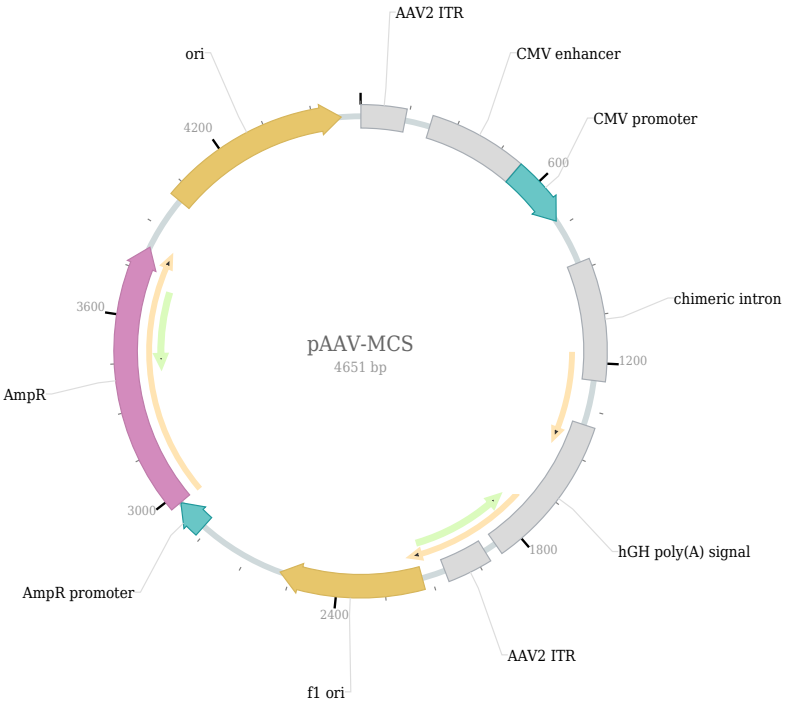
pAAV-MCS

Vector ID	V009667
Antibiotic Resistance	Ampicillin
Length	4651 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Youngblood G, Grafsky AJ.
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pAAV-MCS (V009667) is an AAV transfer (shuttle) cloning vector in which a CMV enhancer/promoter, chimeric CMV/β-globin intron, multiple cloning site and hGH poly(A) signal are flanked by two AAV2 inverted terminal repeats (ITRs). It carries no rep/cap, reporter or mammalian marker; viral packaging requires helper functions in trans. Bacterial selection is AmpR with a high-copy ColE1 ori and an f1 ori.

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 ℃.