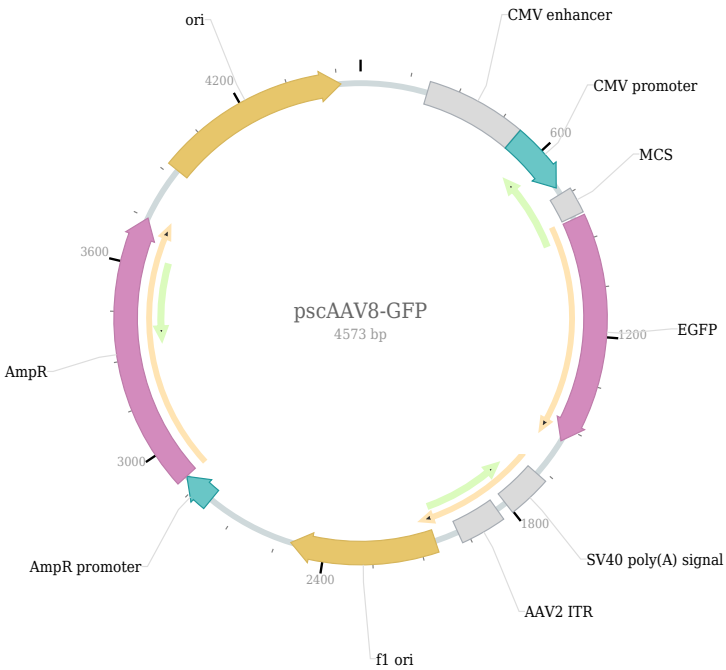
pscAAV8-GFP

Vector ID	V018039
Antibiotic Resistance	Ampicillin
Length	4573 bp
Vector Type	Protein expression
Host	Mammalian cells, Adeno-associated virus

Product Information

Replication Origin	ori
Copy Number	High copy number
Promoter	CMV
5' Primer	CMV-F
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pscAAV8-GFP is a self-complementary AAV transfer plasmid. Inverted AAV2 ITRs — intact downstream of the SV40 polyA, truncated on the other side — flank a ~1.9 kb cassette (CMV enhancer/promoter, MCS, EGFP ORF, SV40 polyA). The truncated ITR makes replication snap back into a duplex genome, bypassing second-strand synthesis. No capsid gene here: AAV8 serotype comes in trans from Rep/Cap and helper plasmids. Backbone: high-copy ColE1/pUC ori, bla, 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 ℃.