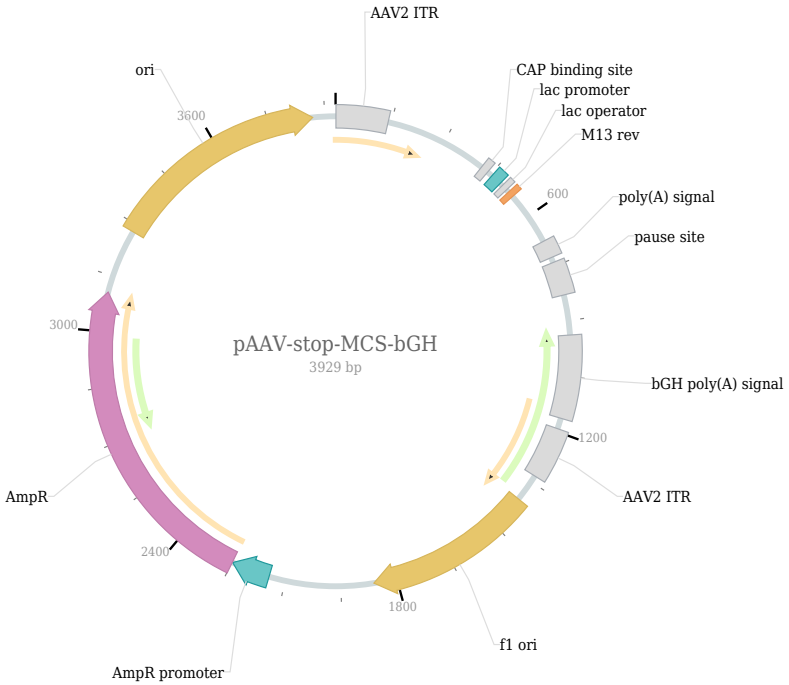
pAAV-stop-MCS-bGH

Vector ID	V014515
Antibiotic Resistance	Ampicillin
Length	3929 bp
Vector Type	Protein expression
Host	Mammalian cells, Adeno-associated virus

Product Information

Replication Origin	ori
Growth Strain(s)	Stbl3
Growth Temperature	37℃
Comment	pAAV-stop-MCS-bGH is a promoterless AAV transfer vector. A three-frame stop cassette precedes the MCS to prevent read-through translation; transcription terminates at the bGH poly(A) signal, with an upstream synthetic polyA and α-globin pause site. Two AAV2 ITRs flank the cassette for packaging into AAV particles; AmpR, ColE1 ori and f1 ori support E. coli propagation.

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 ℃.