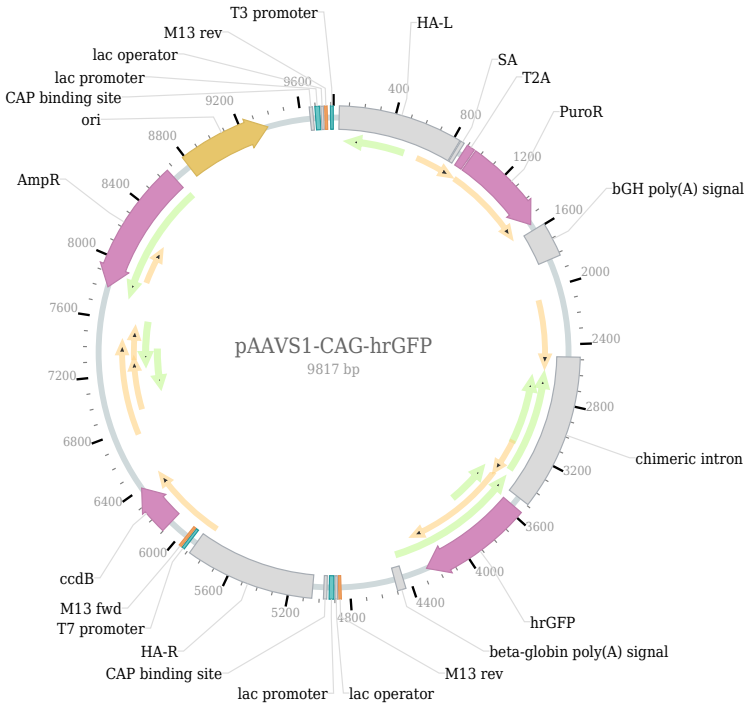
pAAVS1-CAG-hrGFP

Vector ID	V016865
Antibiotic Resistance	Ampicillin
Length	9817 bp
Vector Type	Gene knockin
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	chicken β-actin
Growth Strain(s)	DB3.1
Growth Temperature	37℃
Comment	pAAVS1-CAG-hrGFP is an AAV integration plasmid designed for targeted insertion into the AAVS1safe harbor locus in human cells. It uses the strong CAG promoter to drive expression of the hrGFP reporter gene, enabling stable, high-level fluorescent labeling upon successful integration.

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 ℃.