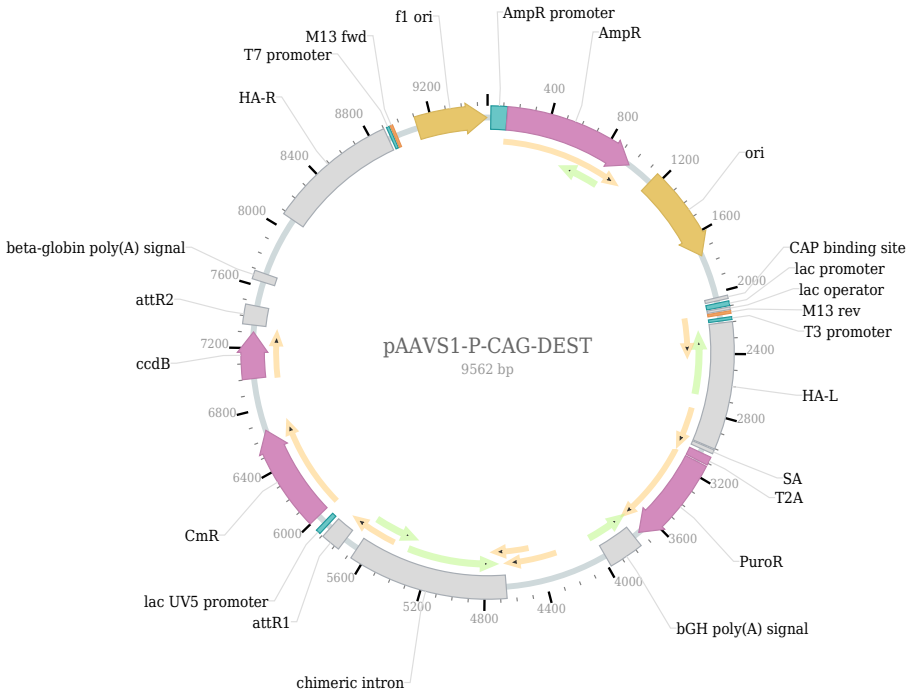
pAAVS1-P-CAG-DEST

Vector ID	V017032
Antibiotic Resistance	Ampicillin, Chloramphenicol
Length	9562 bp
Vector Type	Gene knockin
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	CAG
Growth Strain(s)	DB3.1
Growth Temperature	37℃
Comment	pAAVS1-P-CAG-DEST is a Gateway destination donor vector for safe-harbor targeting. With AAVS1 homology arms and a CAG promoter–driven expression cassette plus SA-T2A-puro selection, it enables CRISPR-mediated stable, single-copy transgene integration in human iPSCs.

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 ℃.