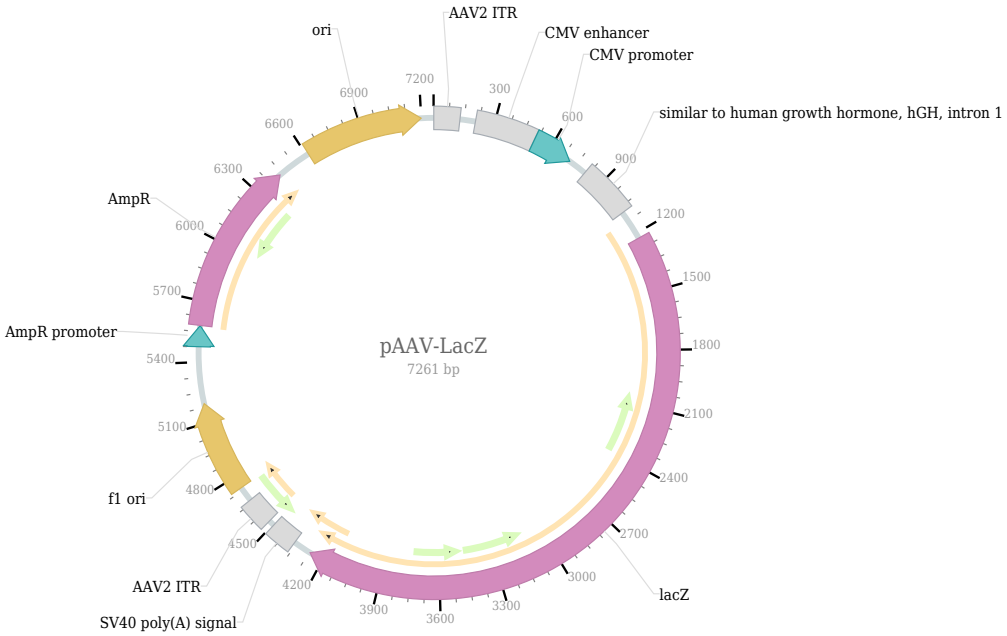
pAAV-LacZ

Vector ID	V009668
Antibiotic Resistance	Ampicillin
Length	7261 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Grafsky AJ III.
Growth Temperature	37℃
Comment	pAAV-LacZ is a ~7.3 kb replication-deficient adenovirus vector. It contains a CMV promoter driving the LacZ reporter gene, flanked by AAV2 ITRs, and an ampicillin resistance gene. It serves as both a control vector for transduction efficiency and a cloning backbone for recombinant AAV production.

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 ℃.