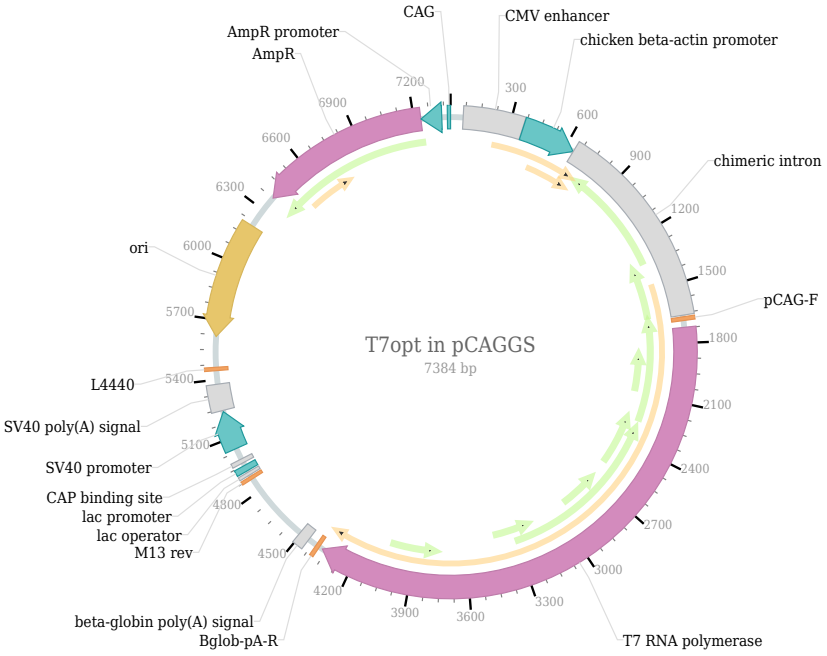
T7opt in pCAGGS

Vector ID	V001433
Antibiotic Resistance	Ampicillin
Length	7384 bp
Vector Type	Mammalian Expression

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	CAG
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	Human codon-optimized T7 polymerase, it removes the cryptic splice sites present in bacteriophage-derived T7-RNAP.

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 ℃.