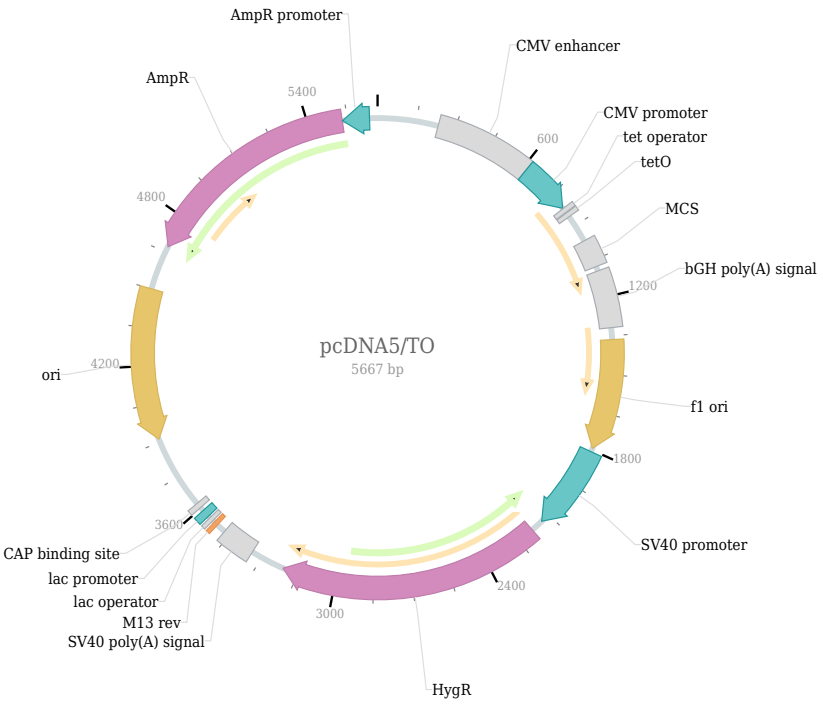
pcDNA5/TO

Vector ID	V011293
Antibiotic Resistance	Ampicillin
Length	5667 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pcDNA5/TO is a 5.7-kb expression vector that utilizes the full-length CMV promoter and incorporates regulatory elements from the bacterial tetracycline resistance operon to effectively suppress and induce transcription of a target gene from a known strong mammalian promoter sequence.

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 ℃.