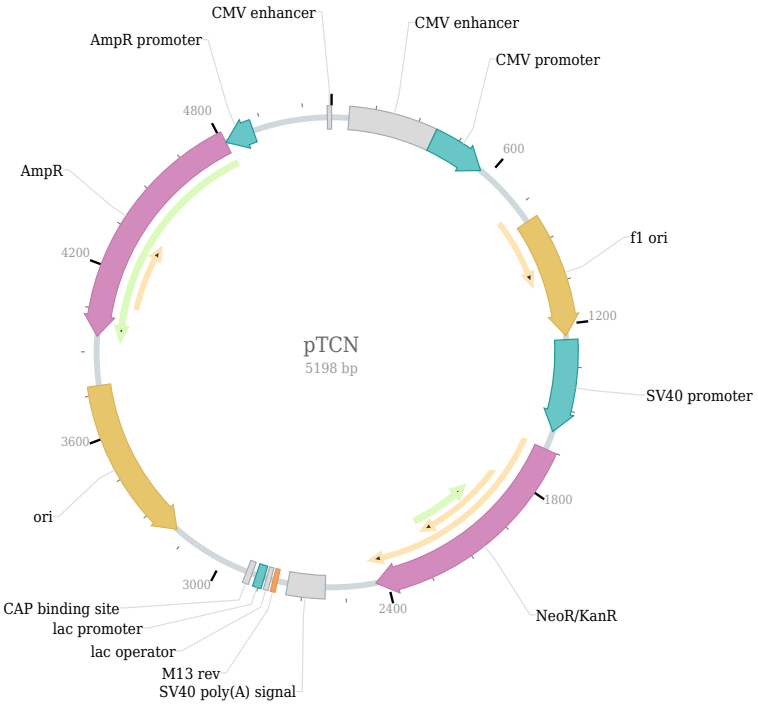
pTCN

Vector ID	V011076
Antibiotic Resistance	Ampicillin
Length	5198 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	transOMIC
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	High copy number
Growth Strain(s)	DH10B
Comment	pTCN is a mammalian cDNA expression vector driven by the CMV promoter and terminated by an SV40 poly(A) signal. It carries AmpR for bacterial propagation and a Tn5-derived neo/kan cassette conferring G418 resistance in mammalian cells.

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 ℃.