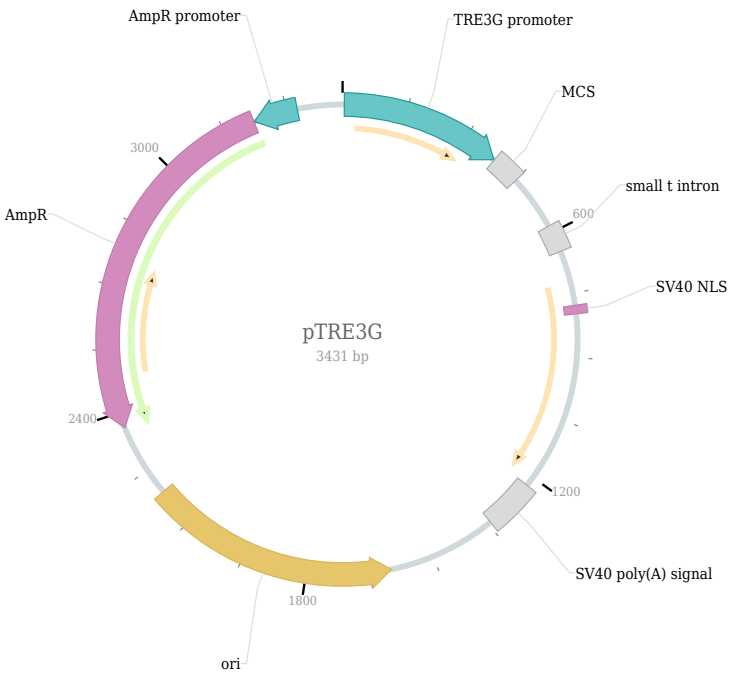
pTRE3G

Vector ID	V011045
Antibiotic Resistance	Ampicillin
Length	3431 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
Promoter	TRE3G
Growth Strain(s)	DH10B
Comment	pTRE3G is a tetracycline-inducible promoter system providing very low background expression and high induction levels with doxycycline. It contains seven tet operator repeats upstream of a minimal CMV promoter, enabling tightly regulated gene expression in mammalian cells when used with Tet-On 3G transactivators.

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 ℃.