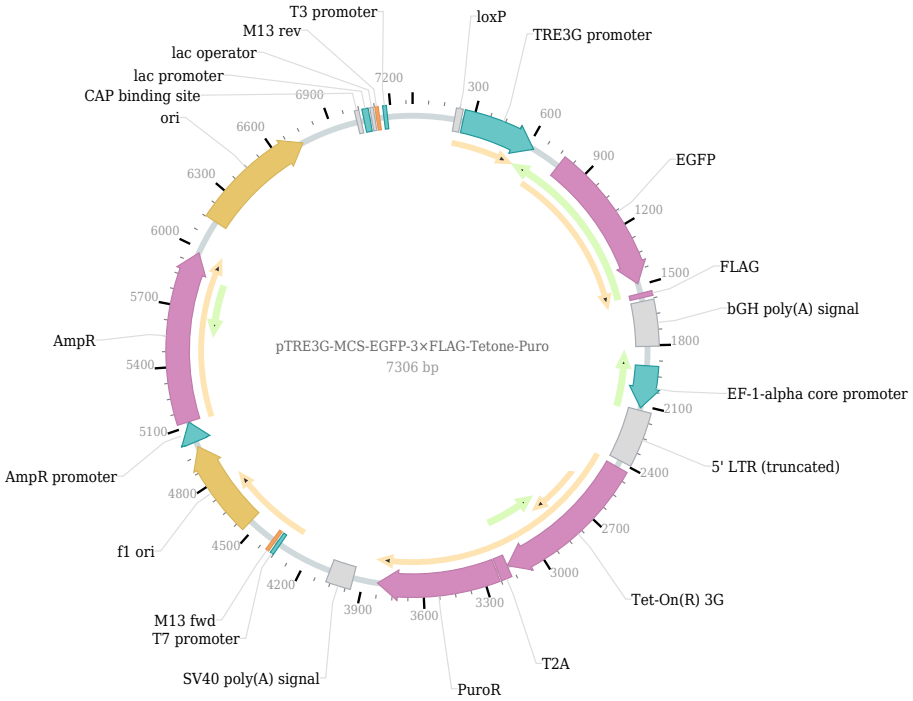
pTRE3G-MCS-EGFP-3×FLAG-Tetone-Puro

Vector ID	V013713
Antibiotic Resistance	Ampicillin
Length	7306 bp
Vector Type	Protein expression, Tetracycline inducible
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	TRE3G
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pTRE3G-MCS-EGFP-3×FLAG-Tetone-Puro is an all-in-one doxycycline-inducible expression vector: a doxycycline-responsive promoter drives an MCS-EGFP-3xFLAG expression cassette while the vector encodes the rtTA transactivator plus puromycin selection. Single-plasmid, tightly regulated inducible expression 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 ℃.