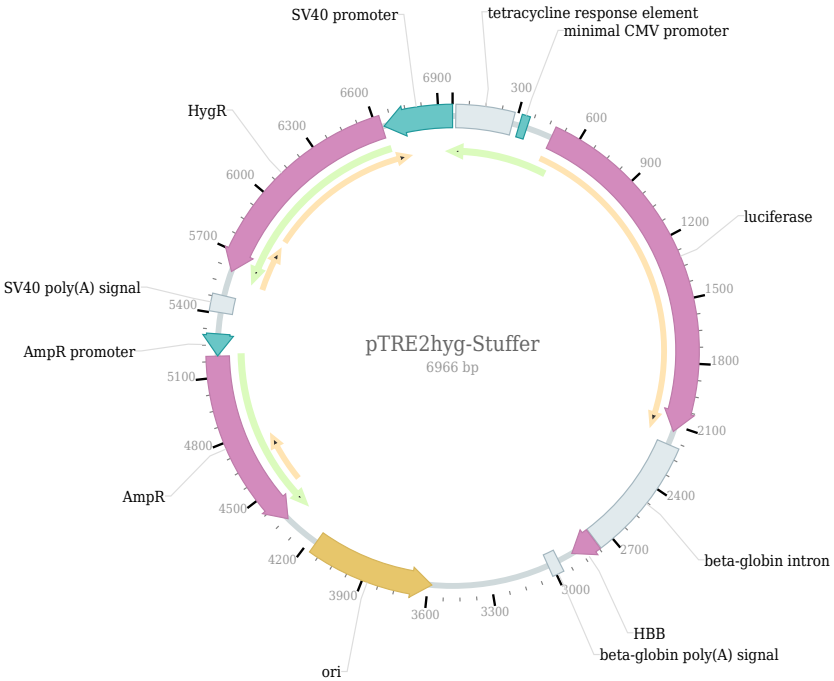
pTRE2hyg-Stuffer

Vector ID	V012830
Antibiotic Resistance	Ampicillin
Length	6966 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Selection Marker	Hygromycin
Copy Number	High copy number
Promoter	SV40
Cloning Method	Enzyme Cut
Fusion Tag	Luc
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pTRE2hyg-Stuffer is a tetracycline response vector containing the TRE (tetO tandem repeats plus minimal CMV promoter) with hygromycin resistance for stable inducible cell lines; an inert stuffer fragment fills the MCS in the empty vector. Requires tTA/rtTA transactivators for regulation (Gossen & Bujard).

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 ℃.