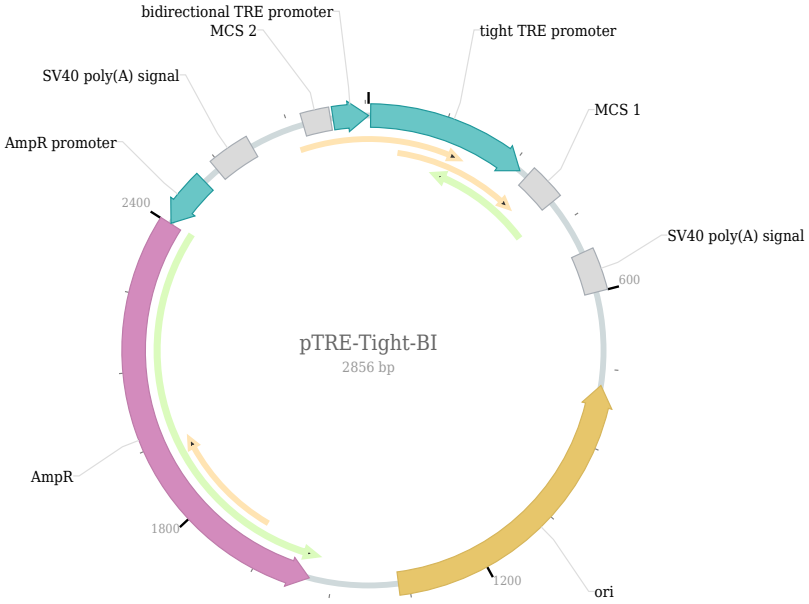
pTRE-Tight-BI

Vector ID	V011057
Antibiotic Resistance	Ampicillin
Length	2856 bp
Vector Type	Mammalian Expression Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
Promoter	tight TRE
Growth Strain(s)	Stbl3
Comment	This is a 2856 bp bacterial expression vector, pTRE-Tight-BI. It features a bidirectional TRE promoter that drives two multiple cloning sites (MCS 1 & 2), enabling simultaneous expression of two target genes. The system includes the tight TRE promoter for minimal basal expression and is controlled by the lac operator. It carries the ampicillin resistance gene (AmpR) and ori for bacterial propagation.

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 ℃.