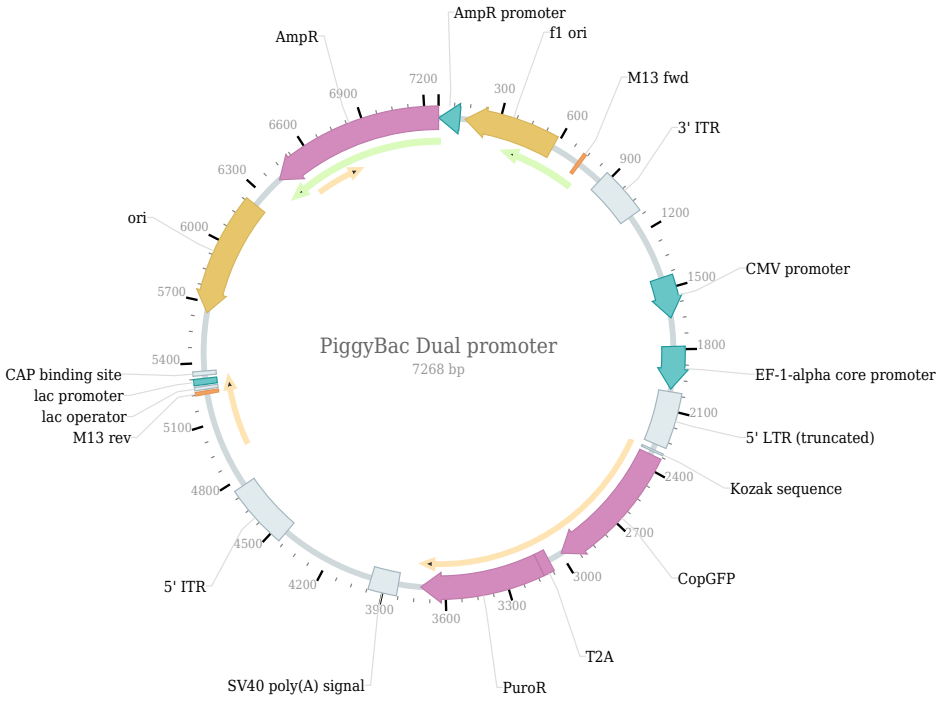
PiggyBac Dual promoter

Vector ID	V012867
Accession ID	PB513B-1;pB-CMV-MCS-ef1α-greenpuro
Antibiotic Resistance	Ampicillin
Length	7268 bp
Vector Type	Protein expression, Transposition
Host	Mammalian cells

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	EF-1α core
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The PiggyBac Dual Promoter plasmid features two independent promoters (CMV and EF1a). It enables stable, efficient co-expression of two genes in mammalian cells via the highly active piggyBac transposase system.

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 ℃.