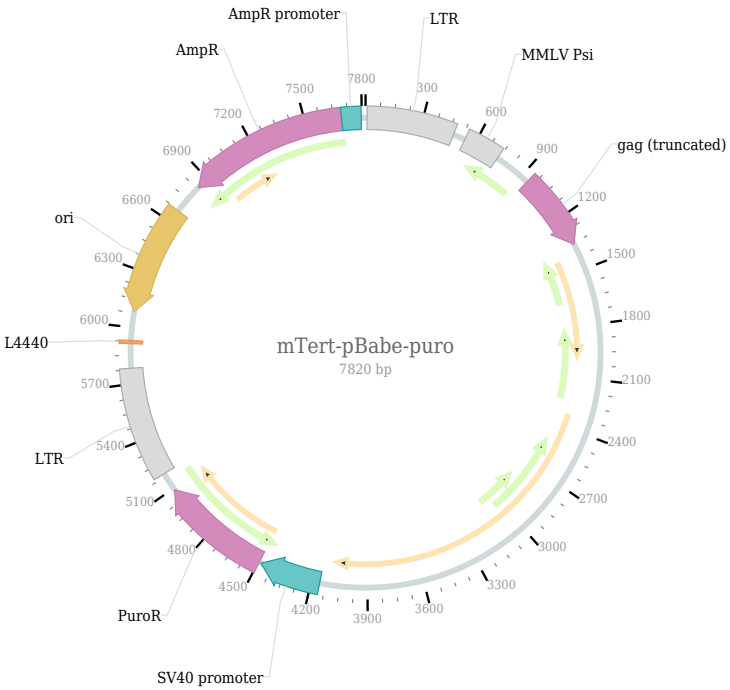
mTert-pBabe-puro

Vector ID	V001698
Antibiotic Resistance	Ampicillin
Length	7820 bp
Vector Type	Mammalian Expression, Retroviral

Product Information

Replication Origin	ori
Selection Marker	Puromycin
Copy Number	High Copy
Promoter	LTR
Cloning Method	Restriction Enzyme
5' Primer	mTERT 1: 5′-TTCGAACAGCAAACCAACAG-3′
Growth Strain(s)	DH10B
Comment	mTert-pBabe-puro is a pBABE-puro–based retroviral mammalian expression plasmid driving mouse TERT (mTERT) (GenBank BC127068.1) from the LTR promoter, with puromycin selection, used to immortalize primary mouse cells by telomerase reconstitution.

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 ℃.