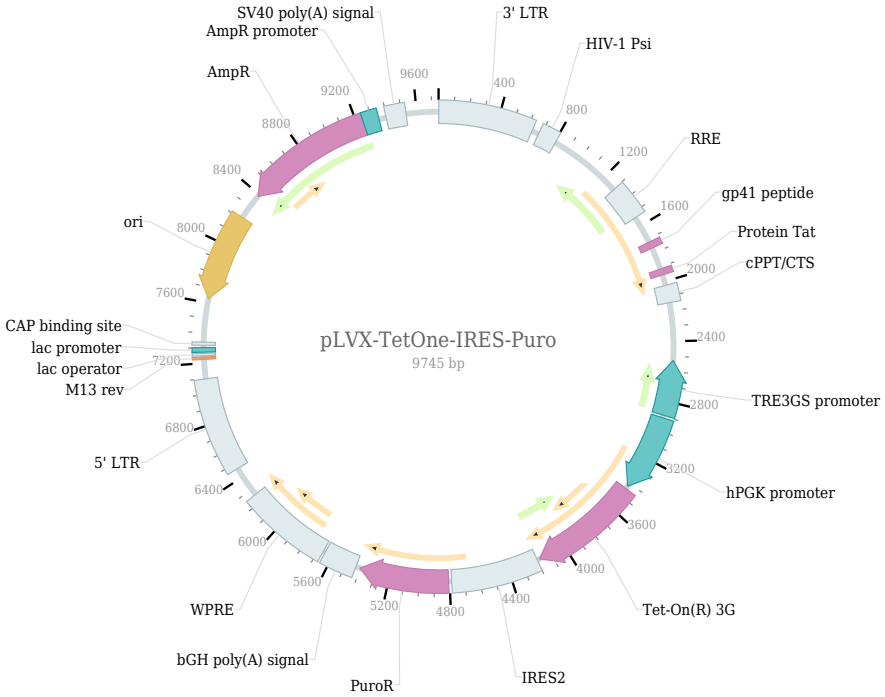
pLVX-TetOne-IRES-Puro

Vector ID	V014827
Antibiotic Resistance	Ampicillin
Length	9745 bp
Vector Type	Protein expression, Tetracycline inducible
Host	Mammalian cells, Lentivirus

Product Information

Replication Origin	ori
Selection Marker	Puro
Promoter	hPGK
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pLVX-TetOne-IRES-Puro is an all-in-one doxycycline-inducible Lenti-X lentiviral vector combining constitutive Tet-On 3G transactivator expression with a TRE3GS-driven gene of interest upstream of an EMCV IRES-linked puromycin resistance gene, allowing single-transduction generation of stable Dox-regulatable cell lines. AmpR; propagate in Stbl3 and package in HEK293T.

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 ℃.