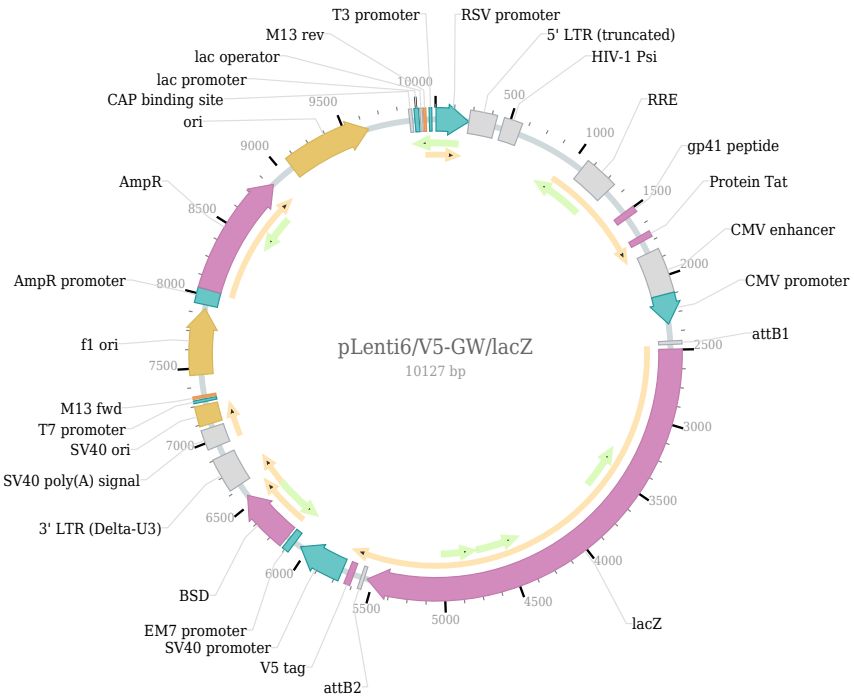
pLenti6/V5-GW/lacZ

Vector ID	V000998
Antibiotic Resistance	Ampicillin
Length	10127 bp
Vector Type	Lentiviral vectors

Product Information

Replication Origin	ori
Selection Marker	Blasticidin
Promoter	RSV
Cloning Method	Gateway
5' Primer	CMVPro Fwd: 5'd[CGCAAATGGGCGGTAGGCGTG]3'
Fusion Tag	V5
Comment	The pLenti6/V5-DEST Gateway Vector is a Gateway-adapted ViraPower lentiviral expression vector for lentiviral-based expression of a target gene in dividing and non-dividing mammalian cells. The vector has the CMV promoter for driving constitutive expression of the target gene and the blasticidin selection marker for stable selection in mammalian cells.Advantages • Lentivirus based expression of a target gene in dividing and non-dividing mammalian cellsKey Features • Flexible and versatile Gateway recombination cloning technology • Constitutive high expression with CMV promoter • Blasticidin selection marker for stable selection • C terminal V5 tag for quick detection

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 ℃.