pDC315

Vector ID	V006623
Antibiotic Resistance	Ampicillin
Length	3913 bp
Vector Type	Adenoviral vectors

Product Information

Replication Origin	ori
Copy Number	Low copy number
Promoter	mCMV
Cloning Method	Enzyme digestion and ligation
5' Primer	pDC315F: acg tgg gta taa gag gcg
3' Primer	pDC315R: cga tgc tag acg atc cag
Growth Strain(s)	DH10B
Comment	pDC315 is an adenoviral E1 shuttle vector with mCMV promoter and MCS, Amp resistance, for recombinant adenovirus construction in HEK293 cells through homologous recombination.

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 ℃.