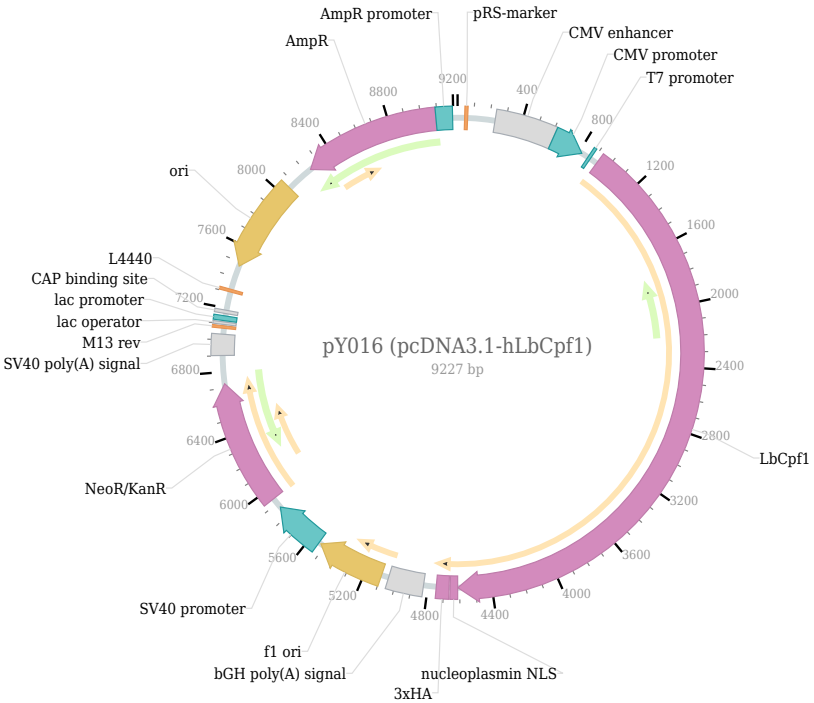
pY016 (pcDNA3.1-hLbCpf1)

Vector ID	V009824
Antibiotic Resistance	Ampicillin
Length	9227 bp
Vector Type	Mammalian Expression, CRISPR

Product Information

Replication Origin	ori
Selection Marker	Neomycin (select with G418)
Promoter	CMV
Cloning Method	Restriction Enzyme
5' Primer	CMV-F
3' Primer	BGH-rev
Growth Strain(s)	stbl3
Growth Temperature	37℃
Comment	pY016 (pcDNA3.1-hLbCpf1) is a mammalian vector expressing Cas12a/Cpf1 for genome editing, expresses humanized LbCpf1.

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 ℃.