pREP4

Vector ID	V010761
Antibiotic Resistance	Kanamycin
Length	3740 bp
Vector Type	Qiagen Vectors

Product Information

Replication Origin	p15A ori
Source/Author	Qiagen
Selection Marker	Neomycin/G418(Geneticin)
Copy Number	Medium copy number
Growth Strain(s)	DH10B
Comment	The pREP4 plasmid carried by the E. coli M15 strain can help the pQE30 plasmid assisting the expression of FP in the host. Combined with a regulatory system, it enables mature FP expression without causing any toxic effects.

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 ℃.