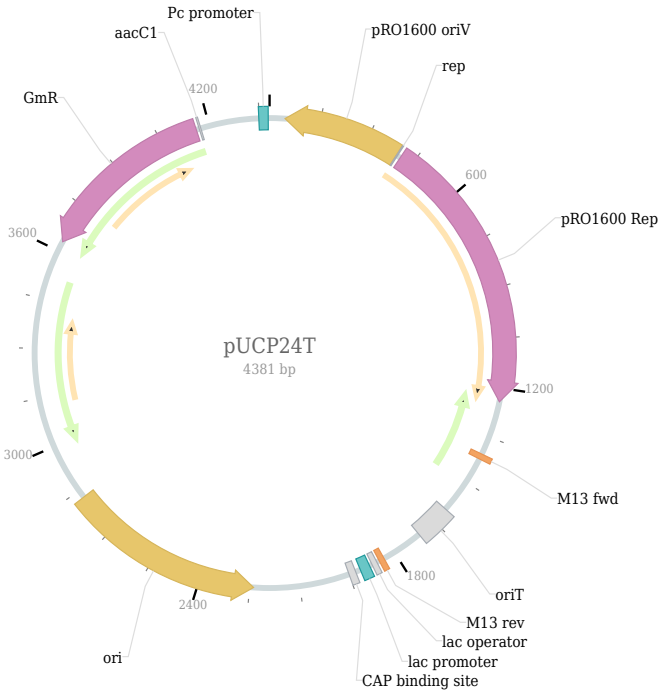
pUCP24T

Vector ID	V002363
Antibiotic Resistance	Gentamicin
Length	4381 bp
Vector Type	Cloning vector

Product Information

Replication Origin	ori
Source/Author	Lu Y, Zeng J, Wu B, E S, Wang L, Cai R, Zhang N, Li Y, Huang X, Huang B, Chen C.
Promoter	Pc
Comment	pUCP24T is an E. coli-Pseudomonas shuttle cloning vector of the pUCP series carrying gentamicin resistance on a pUC18-derived backbone with the pRO1600 broad-host-range replicon. Supports gene expression and complementation in P. aeruginosa and other Gram-negative bacteria (Schweizer pUCP lineage).

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 ℃.