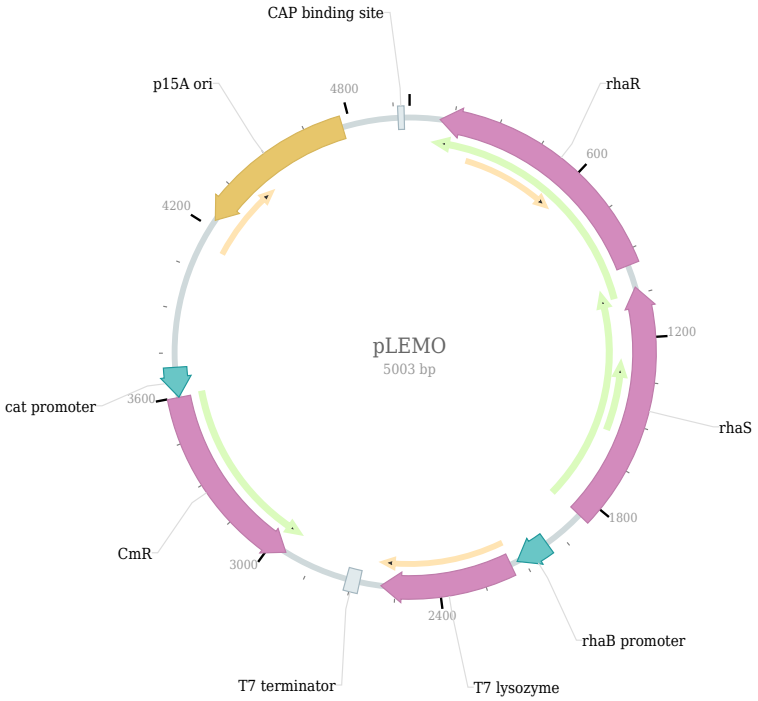
pLEMO

Vector ID	V012824
Antibiotic Resistance	Chloramphenicol
Length	5003 bp
Vector Type	E.coli expression plasmid

Product Information

Replication Origin	p15A ori
Copy Number	Medium copy number
Promoter	rhaB
Growth Strain(s)	DH10B
Growth Temperature	37℃
Expression Method	L-rhamnose induced
Comment	The Lemo21(DE3) strain contains pLemo, a pACYC184 derivative carrying the lysY gene. Accordingly, chloramphenicol (30 μg/ml) is required to maintain pLemo. In most cases, the T7 promoter-based expression vector will be compatible with pLemo.

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 ℃.