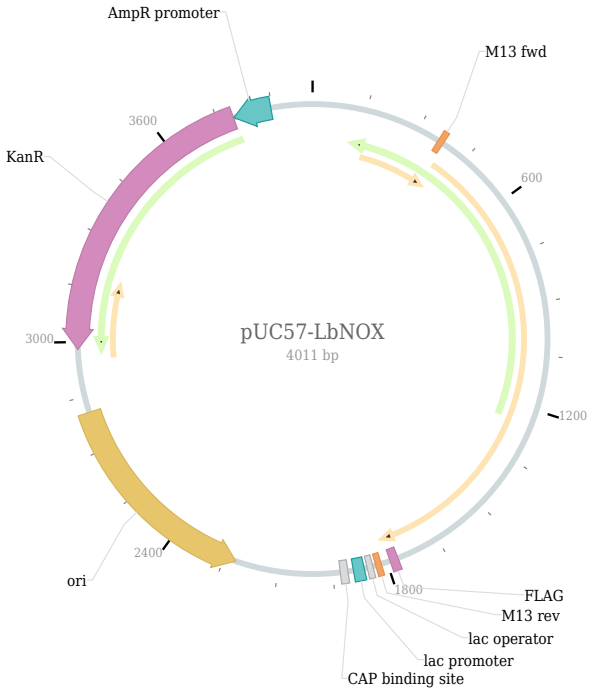
pUC57-LbNOX

Vector ID	V014466
Antibiotic Resistance	Kanamycin
Length	4011 bp
Vector Type	Gene template
Host	E. coli

Product Information

Replication Origin	ori
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pUC57-LbNOX carries a human codon-optimized sequence for LbNOX, a bacterial oxidase that converts NADH to NAD+ while producing water. Its expression elevates the NAD+/NADH ratio in mammalian cells

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 ℃.