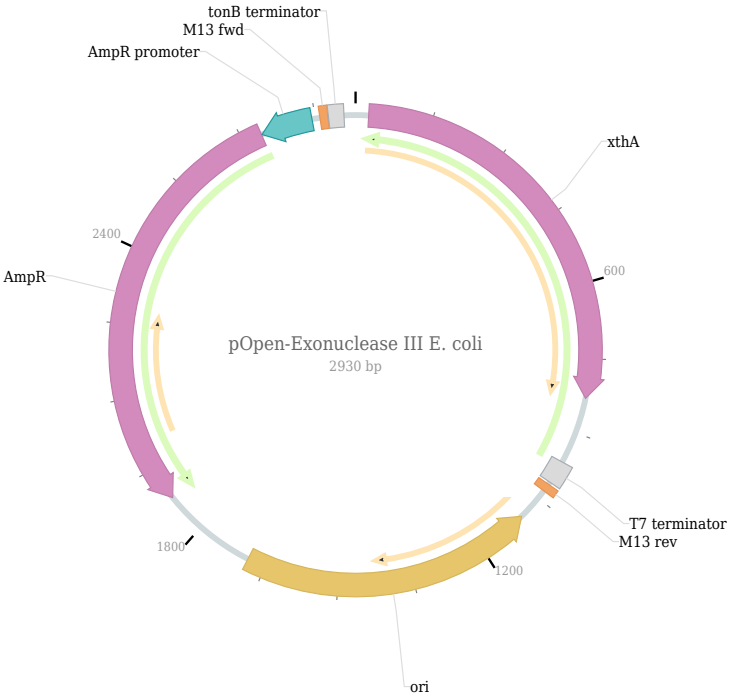
pOpen-Exonuclease III E. coli

Vector ID	V017432
Antibiotic Resistance	Ampicillin
Length	2930 bp
Vector Type	Synthetic biology
Host	E. coli

Product Information

Replication Origin	ori
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pOpen-Exonuclease-III-E.-coli is an E. coli expression plasmid designed for the efficient expression of E. coli exonuclease III. This enzyme specifically digests double-stranded DNA, progressively excising nucleotides from the 3' end.

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 ℃.