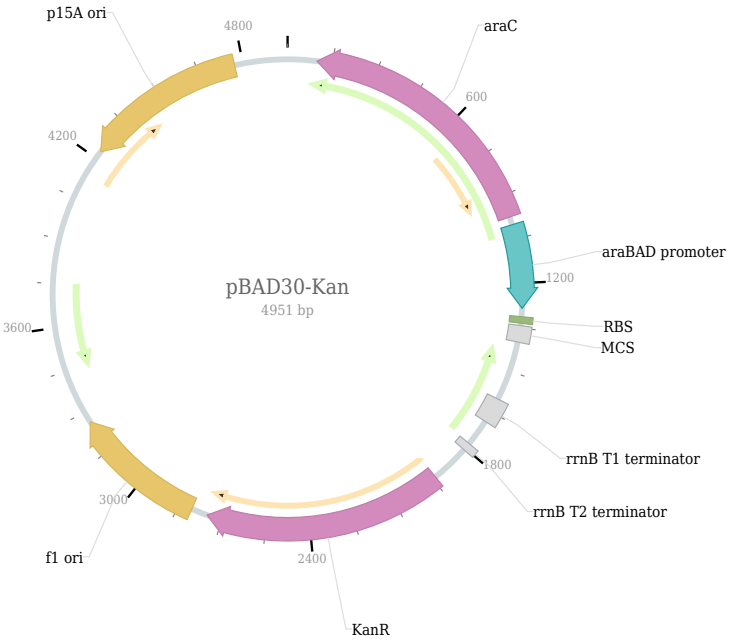
pBAD30-Kan

Vector ID	V017536
Antibiotic Resistance	Kanamycin
Length	4951 bp
Vector Type	Protein expression
Host	E. coli

Product Information

Replication Origin	p15A ori
5' Primer	G36430-F1
Growth Strain(s)	DH5a
Growth Temperature	37℃
Comment	pBAD30-Kan is an E. coli expression vector featuring an araBAD promoter for tight, L-arabinose-inducible control. It carries Kanamycin resistance and a medium-copy p15A origin, making it ideal for regulated protein production while avoiding metabolic burden.

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 ℃.