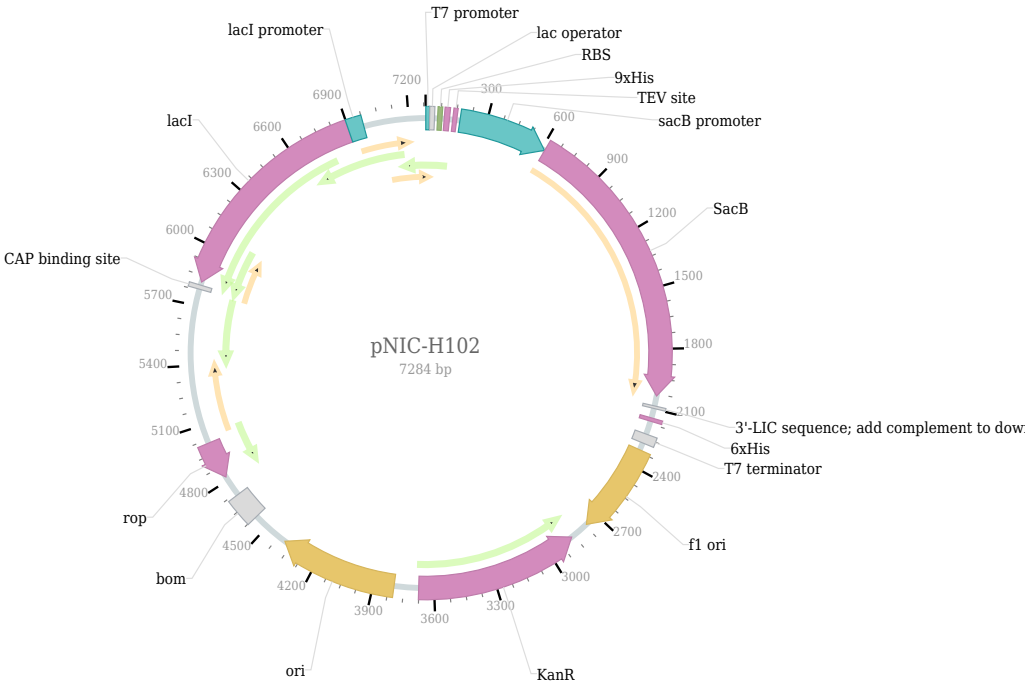
pNIC-H102

Vector ID	V004318
Antibiotic Resistance	Kanamycin
Length	7284 bp
Vector Type	Expression vector

Product Information

Replication Origin	ori
Source/Author	Keates T, Cooper CD, Savitsky P, Allerston CK, Phillips C, Hammarstrom M, Daga N, Berridge G, Mahajan P, Burgess-Brown NA, Muller S, Graslund S, Gileadi O.
Promoter	sacB
Comment	Throughout the plasmid cultivation process, use only sucrose-free culture medium (animal-derived medium is preferred).The SacB gene, from Bacillus subtilis and related to sugar metabolism, converts sucrose to levan.

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 ℃.