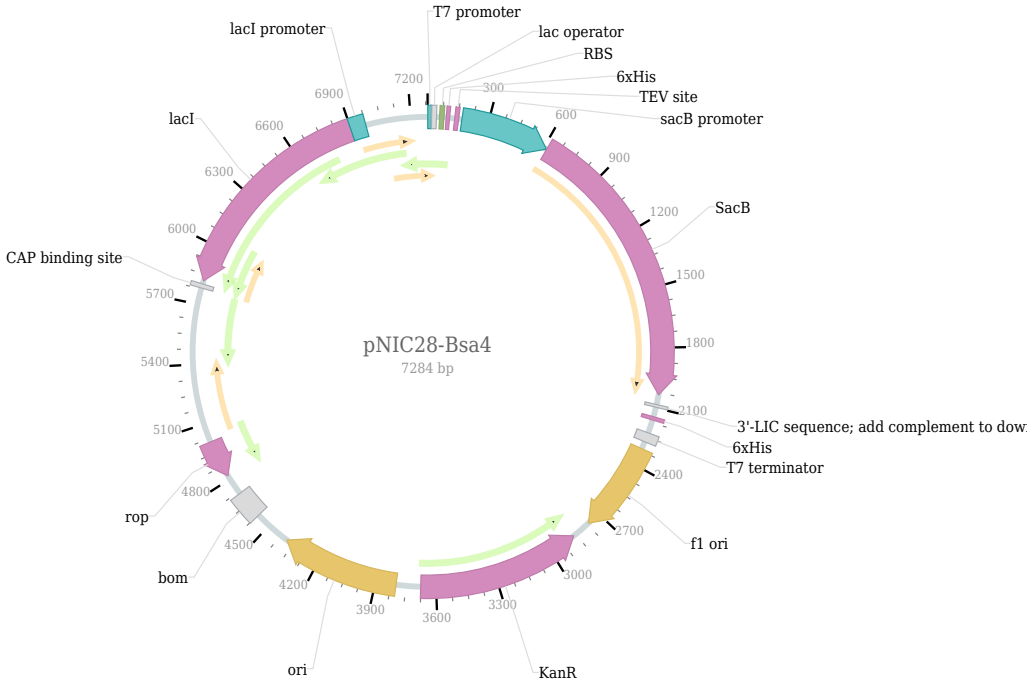
pNIC28-Bsa4

Vector ID	V010577
Antibiotic Resistance	Kanamycin
Length	7284 bp
Vector Type	Structural Genomics Vectors

Product Information

Replication Origin	ori
Source/Author	Savitsky P, Bray J, Cooper CD, Marsden BD, Mahajan P, Burgess-Brown
Copy Number	High copy number
Promoter	sacB
Comment	pNIC28-Bsa4, a core vector for SGC, enables high-efficiency expression/purification of human proteins via T7-LacO system, N-terminal His6-TEV tag, and LIC cloning, supporting crystallization studies.

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 ℃.