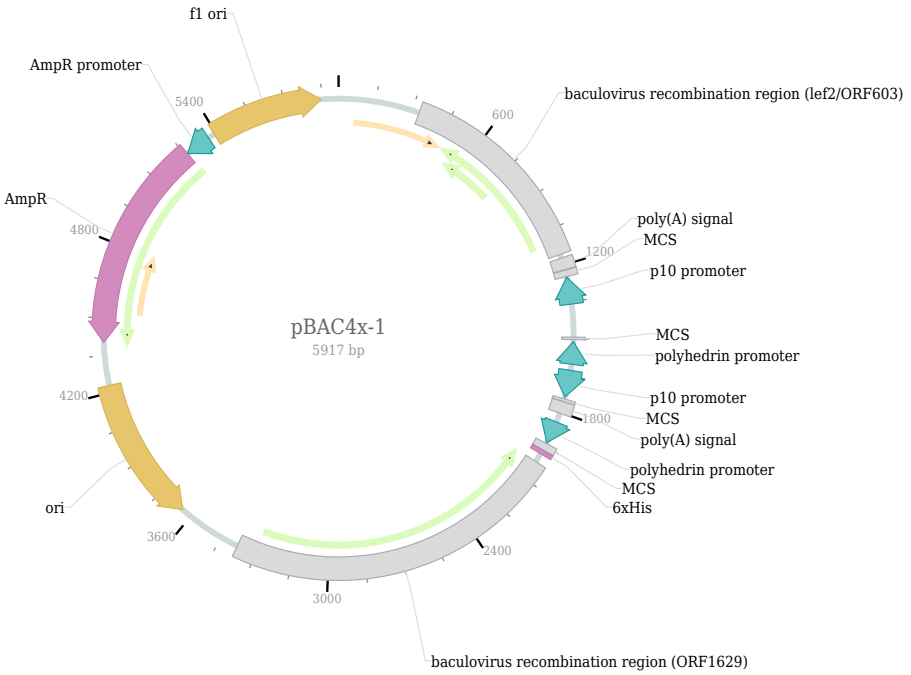
pBAC4x-1

Vector ID	V011668
Antibiotic Resistance	Ampicillin
Length	5917 bp
Vector Type	Insect Cell Vectors

Product Information

Replication Origin	ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Promoter	p10
Growth Strain(s)	DH10B
Comment	pBAC4x-1 is a 5917 bp baculovirus transfer vector. It features multiple polyhedrin and p10 promoters for driving protein expression, flanked by baculovirus recombination regions (lef2/ORF603, ORF1629) for viral genome integration. The vector contains several MCS sites allowing for flexible gene insertion, with options for N- or C-terminal 6xHis tagging. It includes an AmpR/ori cassette for bacterial propagation and an f1 ori for single-stranded DNA production.

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 ℃.