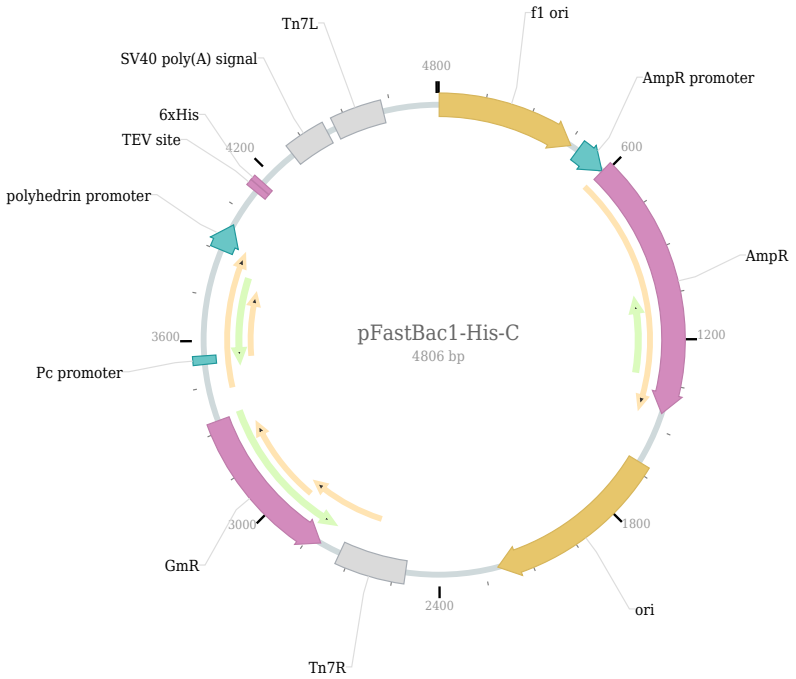
pFastBac1-His-C

Vector ID	V000094
Antibiotic Resistance	Ampicillin
Length	4806 bp
Vector Type	Insect Cell Expression Vectors

Product Information

Replication Origin	ori
Selection Marker	Gentamicin
Promoter	polyhedrin
5' Primer	pFastbac-F: TATTCCGGATTATTCATACC
3' Primer	pFastBac-R: ACAAATGTGGTATGGCTGA
Growth Strain(s)	DH10B
Comment	pFastBac1-His-C is an insect cell expression vector based on the Bac-to-Bac system. It drives the target gene via the polyhedrin promoter and features a C-terminal fusion of a 6×His tag. This facilitates efficient recombinant protein expression and nickel column purification, supporting complex post-translational modifications of proteins.

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 ℃.