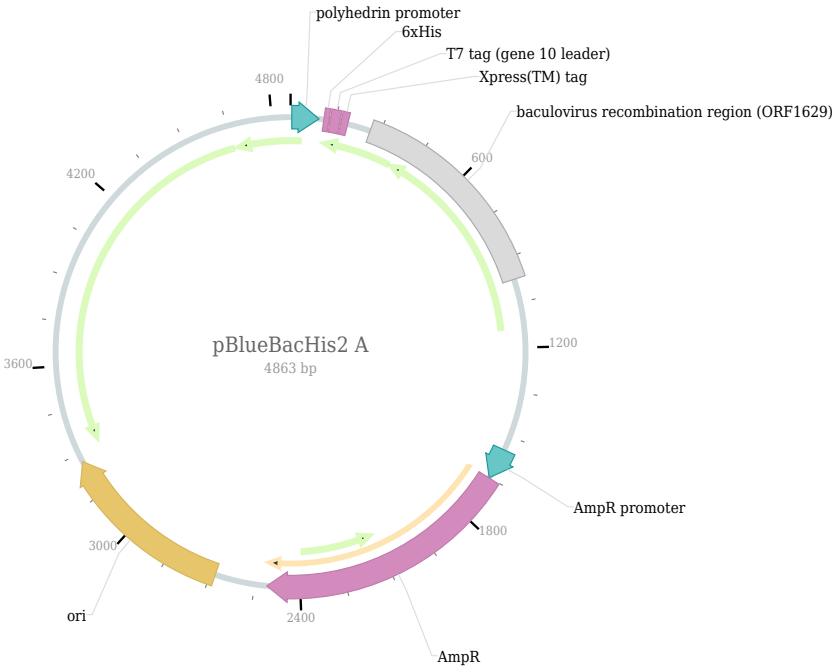
pBlueBacHis2 A

Vector ID	V010672
Antibiotic Resistance	Ampicillin
Length	4863 bp
Vector Type	Insect Cell Expression Vectors

Product Information

Replication Origin	ori
Copy Number	High copy number
Promoter	polyhedrin
Cloning Method	Enzyme digestion and ligation
5' Primer	polyhedrin fwd
Fusion Tag	His
Comment	pBlueBacHis2 A (4863 bp), pBlueBacHis2 B (4853 bp), and pBlueBacHis2 C (4861 bp) are baculovirus transfer vectors that contain the Xpress N-terminal tag for expression and purification of recombinant fusion proteins. The pBlueBacHis2 vector is provided in three different versions for simplified cloning of your gene in-frame with the Xpress tag. The vectors contain sequences homologous to the lacZ gene and ORF1629 sequences in Bac-N-Blue linear DNA, allowing production of blue, recombinant plaques. Expression of your recombinant fusion protein is driven by the polyhedrin promoter.

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 ℃.