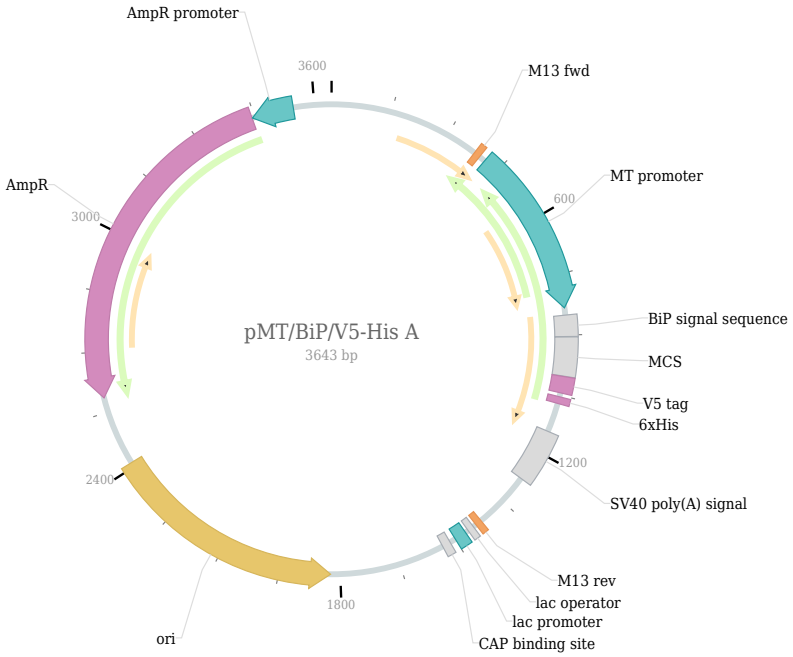
pMT/BiP/V5-His A

Vector ID	V011605
Antibiotic Resistance	Ampicillin
Length	3643 bp
Vector Type	Insect Cell Vectors

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Promoter	MT
Growth Strain(s)	Top10
Comment	pMT/BiP/V5-His A is a Drosophila expression vector for Cu2+/Cd2+-inducible protein secretion in Schneider S2 cells. Combines the metallothionein (pMT) promoter, BiP secretion signal, and C-terminal V5 plus His6 tags for detection and Ni-NTA purification of secreted proteins from serum-free cultures.

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 ℃.