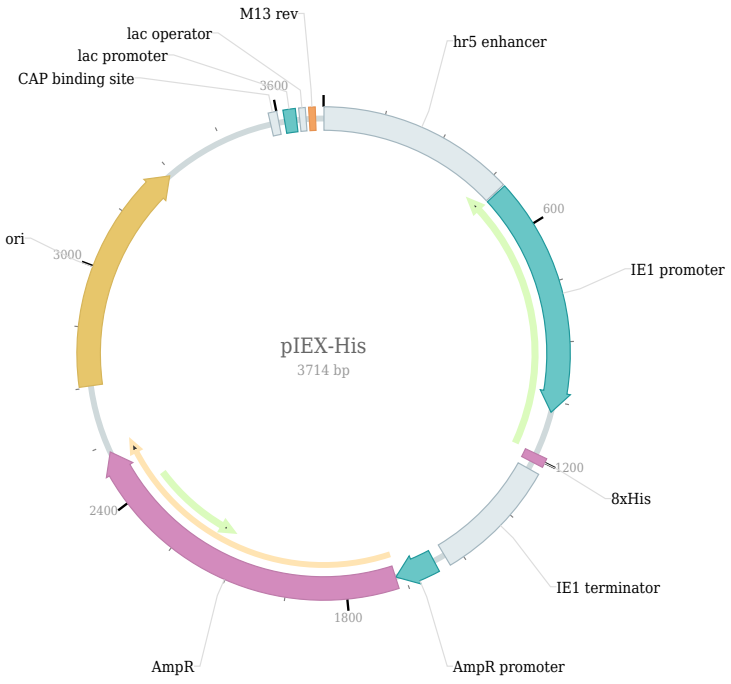
pIEX-His

Vector ID	V013011
Antibiotic Resistance	Ampicillin
Length	3714 bp
Vector Type	Protein expression
Host	Insect cells

Product Information

Replication Origin	ori
Promoter	IE1
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pIEX-His is a baculovirus-free insect cell expression vector: the AcMNPV hr5 enhancer and IE1 promoter drive genes cloned into the MCS as C-terminal 8xHis fusions, following a direct-plasmid-transfection (InsectDirect-style) approach rather than baculovirus generation. AmpR and E. coli propagation enable rapid recombinant protein expression in insect cells.

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 ℃.