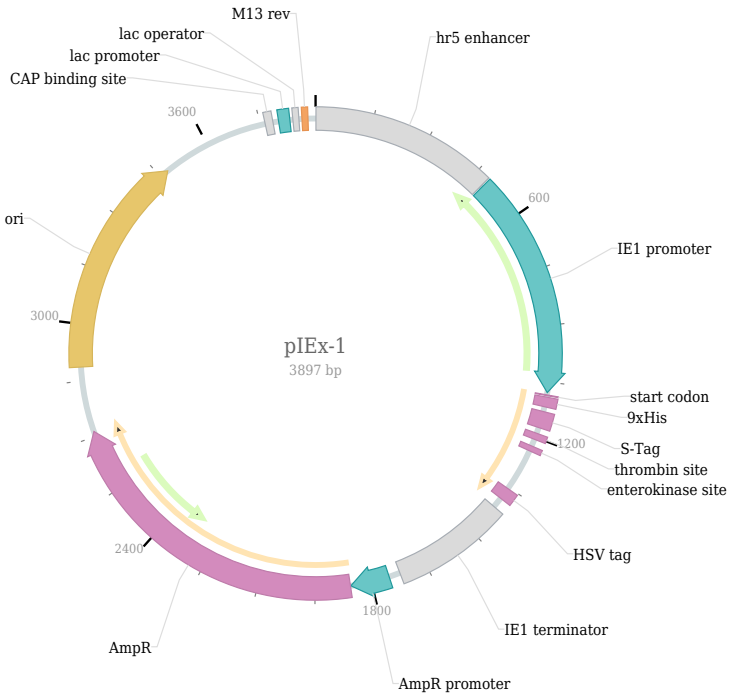
pIEx-1

Vector ID	V011631
Antibiotic Resistance	Ampicillin
Length	3897 bp
Vector Type	Insect Cell Vectors

Product Information

Replication Origin	ori
Source/Author	Novagen (EMD Millipore)
Copy Number	High copy number
Promoter	IE1
Growth Strain(s)	DH10B
Comment	pIEx-1 is an insect-cell expression vector for rapid, virus-free transient production. The AcNPV hr5 enhancer and immediate-early IE1 promoter are recognized by endogenous host transcription machinery, so transfection of Sf9/Sf21 cells alone drives expression within days, bypassing recombinant baculovirus construction. Tags include N-terminal 10×His and C-terminal HSV, removable by enterokinase.

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 ℃.