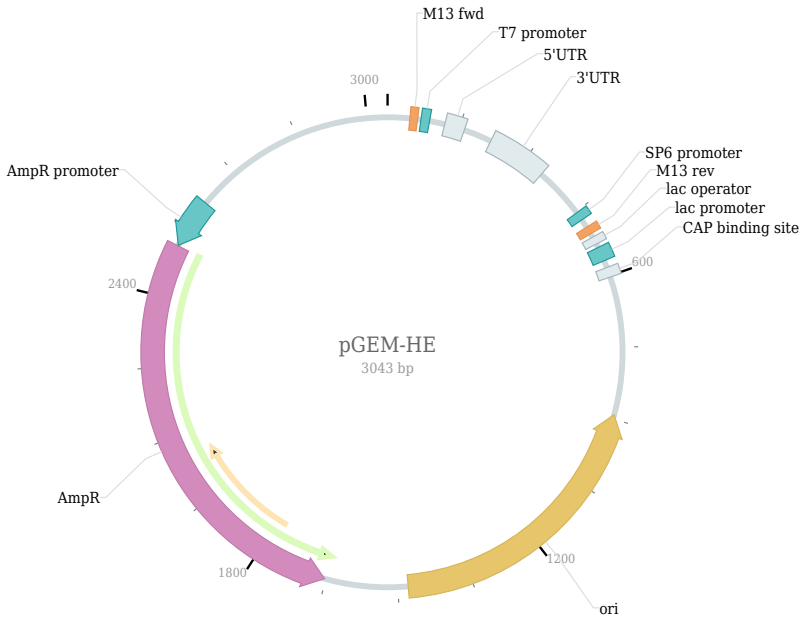
pGEM-HE

Vector ID	V012814
Antibiotic Resistance	Ampicillin
Length	3043 bp
Vector Type	Protein Expression plasmid

Product Information

Replication Origin	ori
Selection Marker	Ampicillin, 100 μg/mL
Copy Number	High copy number
Promoter	T7
Growth Strain(s)	DH5alpha
Growth Temperature	37℃
Comment	Xenopus oocyte expression vector. It contains a 3'-UTR of the major beta-globin gene of Xenopus laevis. The pGEM-HE is a derivative of pGEM3Z vector.

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 ℃.