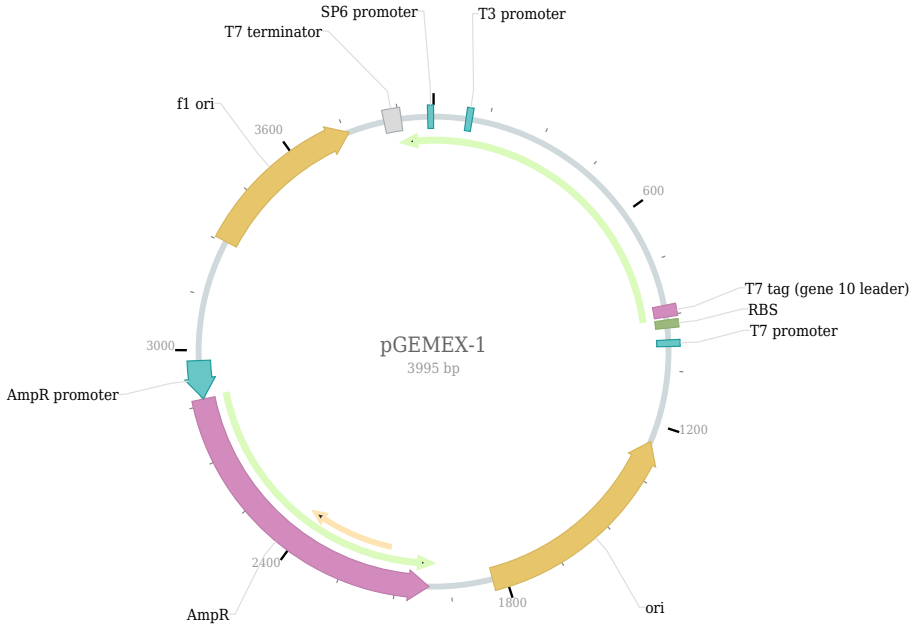
pGEMEX-1

Vector ID	V011630
Antibiotic Resistance	Ampicillin
Length	3995 bp
Vector Type	Cloning vectors

Product Information

Replication Origin	ori
Cloning Method	Enzyme digestion and ligation
Growth Strain(s)	DH10B
Comment	The pGEMEX-1 plasmid is a T7 expression vector designed for multiple applications, including cloning, in vitro transcription, and single-stranded DNA (ssDNA) production.

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 ℃.