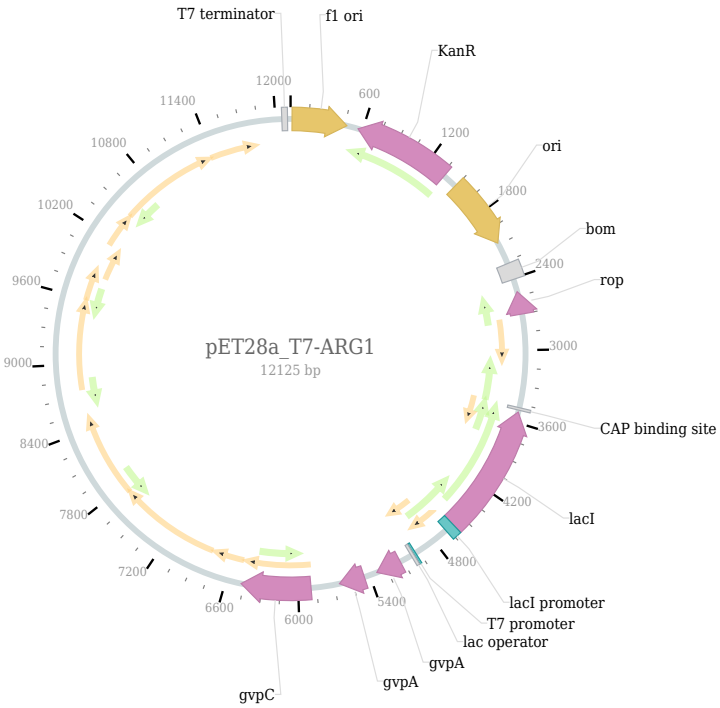
pET28a_T7-ARG1

载体编号 Vector ID	V016866
抗性 Antibiotic Resistance	Kanamycin
长度 Length	12125 bp
载体类型 Vector Type	Protein expression
宿主 Host	E. coli

产品信息

复制子 Replication Origin	ori
启动子 Promoter	T7
培养菌株 Growth Strain(s)	JM109
培养温度 Growth Temperature	37℃
备注 Comment	pET28a_T7-ARG1 is a pET28a bacterial expression plasmid using a T7 promoter to express ARG1, a hybrid gas-vesicle/acoustic reporter gene cluster from Anabaena flos-aquae and Bacillus megaterium in E. coli for IPTG-inducible gas-vesicle production and ultrasound imaging.

质粒图谱



复溶方法

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 ℃.