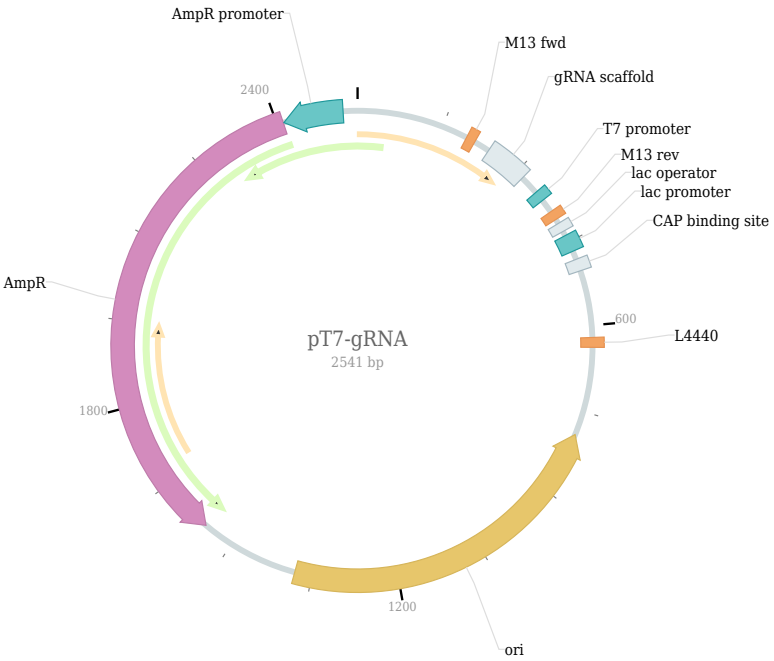
pT7-gRNA

Vector ID	V000385
Antibiotic Resistance	Ampicillin
Length	2541 bp
Vector Type	CRISPR ; zebrafish expression

Product Information

Replication Origin	ori
Copy Number	High Copy
Promoter	T7
Cloning Method	Restriction Enzyme
5' Primer	M13 R
3' Primer	M13 F
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pT7-gRNA vector is specifically engineered for cloning guide RNAs (gRNAs) and facilitates their in vitro transcription. This vector is tailored for efficiently generating target gRNAs.

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 ℃.