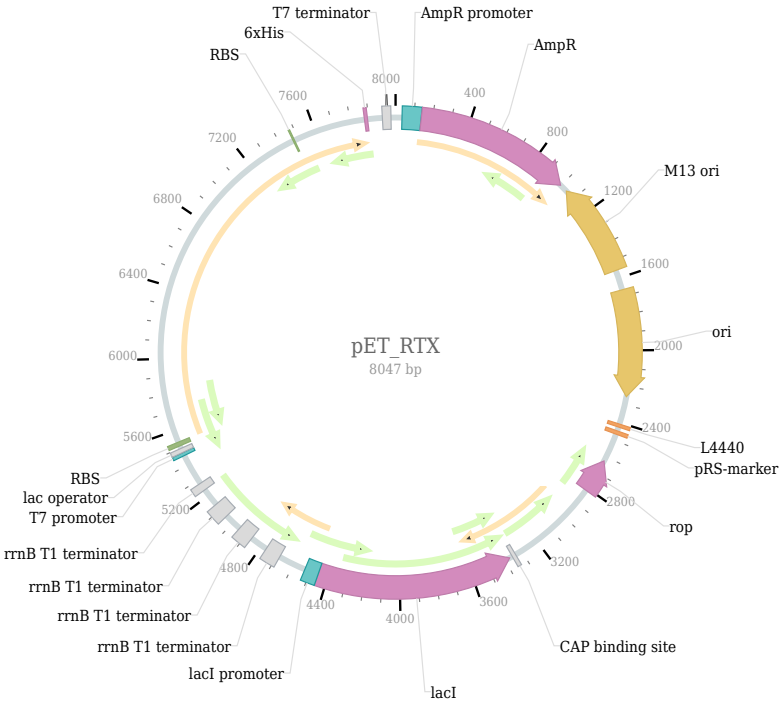
pET_RTX

Vector ID	V000956
Antibiotic Resistance	Ampicillin
Length	8047 bp
Vector Type	Bacterial Expression

Product Information

Replication Origin	ori
Copy Number	Low Copy
Promoter	T7 promoter + lac operator
Cloning Method	Restriction Enzyme
5' Primer	gatctcgatcccgcgaaattaatacg
3' Primer	gctcagcggtggcagc
Comment	pET_RTX is an E. coli expression vector with Reverse Transcription Xenopolymerase (RTX). It features a T7 promoter, an N-terminal His-tag, and a C-terminal RTX domain secretion signal for studying protein secretion and toxin activity.

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 ℃.