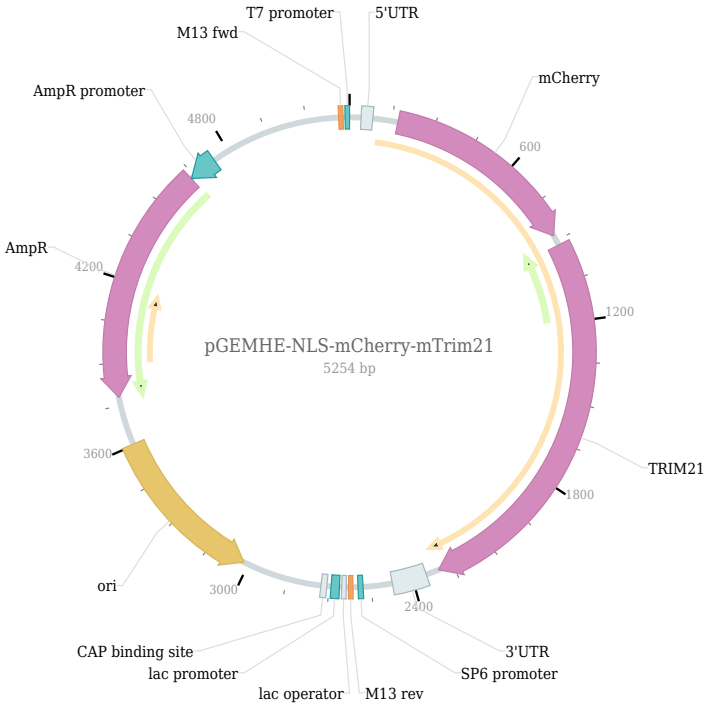
pGEMHE-NLS-mCherry-mTrim21

Vector ID	V013912
Antibiotic Resistance	Ampicillin
Length	5254 bp
Vector Type	Protein expression
Host	Xenopus

Product Information

Replication Origin	ori
Promoter	SP6
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pGEMHE-NLS-mCherry-mTrim21 is a 5,254-bp in vitro transcription vector for expressing an NLS–mCherry–mouse TRIM21(E318K) fusion. The NLS drives nuclear import; mCherry reports localization; TRIM21 mediates antibody-directed acute degradation of endogenous proteins.

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 ℃.