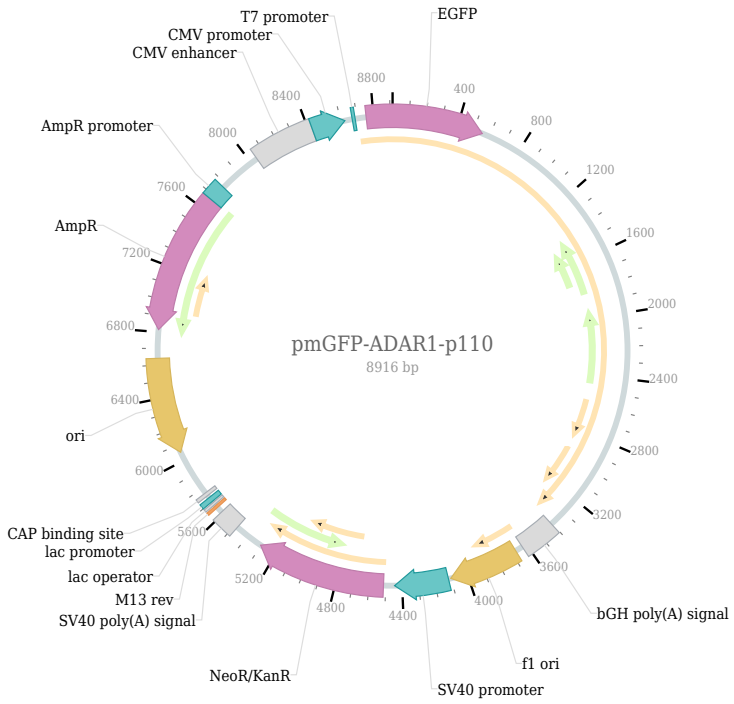
pmGFP-ADAR1-p110

Vector ID	V007270
Antibiotic Resistance	Ampicillin
Length	8916 bp
Vector Type	Mammalian Expression

Product Information

Replication Origin	ori
Selection Marker	Neomycin (select with G418)
Promoter	CMV
Cloning Method	Restriction Enzyme
5' Primer	AAAGGGaagcttATGGCCGAGATCAAGGAGAAAATC
3' Primer	AAAGGGtctagaCTATACTGGGCAGAGATAAAAGTTC
Growth Strain(s)	DH10B
Comment	pmGFP-ADAR1-p110 drives the expression of fluorescently labelled ADAR1-p110, which edits telomeric R-loops to maintain their stability, thereby providing a tool for elucidating the mechanisms of sustained proliferation in cancer cells.

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 ℃.