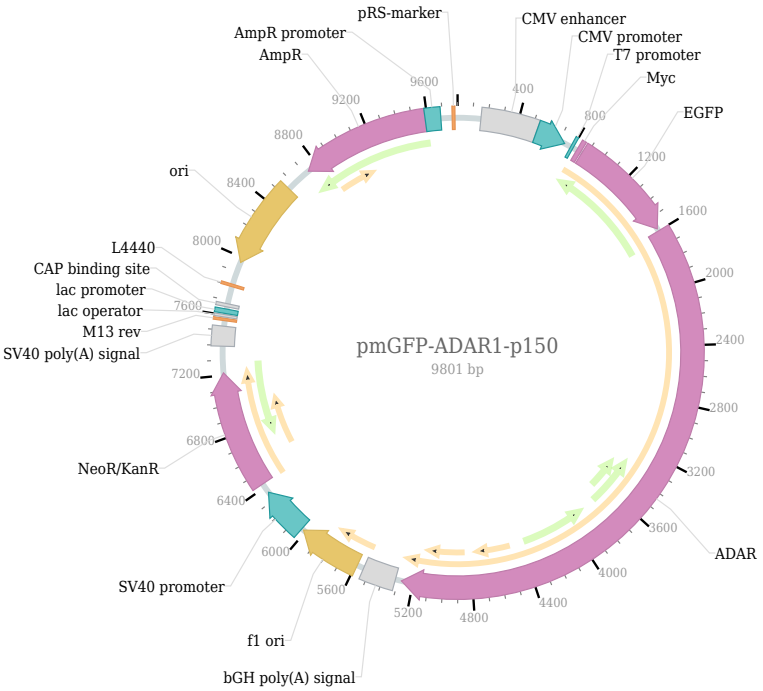
pmGFP-ADAR1-p150

Vector ID	V007226
Antibiotic Resistance	Ampicillin
Length	9801 bp
Vector Type	Mammalian Expression

Product Information

Replication Origin	ori
Selection Marker	Neomycin (select with G418)
Promoter	CMV
Cloning Method	Restriction Enzyme
5' Primer	AAAGGGaagcttATGAATCCGCGGCAGGGGTATTCC
3' Primer	AAAGGGtctagaCTATACTGGGCAGAGATAAAAGTTC
Growth Strain(s)	DH10B
Comment	pmGFP-ADAR1-p150 expresses fluorescently labelled ADAR1-p150, which regulates telomeric R-loops via RNA editing, thereby providing support for elucidating the mechanisms of telomere maintenance and 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 ℃.