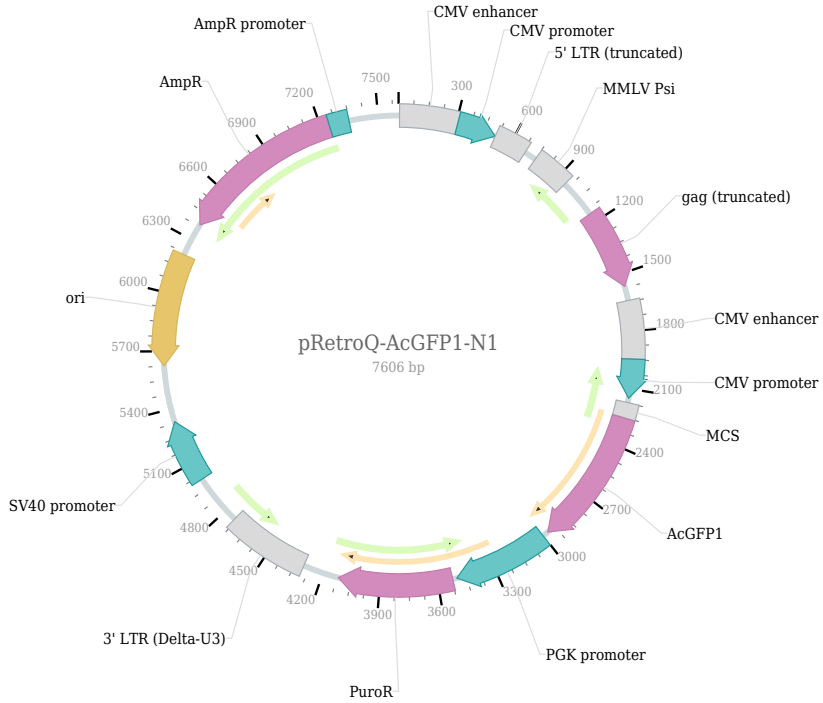
pRetroQ-AcGFP1-N1

Vector ID	V010392
Antibiotic Resistance	Ampicillin
Length	7606 bp
Vector Type	Viral Expression & Packaging Vectors

Product Information

Replication Origin	ori
Source/Author	Clontech
Copy Number	High copy number
Promoter	CMV
Growth Strain(s)	Stbl3
Comment	pRetroQ-AcGFP1-N1 is a high-titer, self-inactivating Clontech retroviral vector expressing AcGFP1, a monomeric, human-codon-optimized green fluorescent protein from Aequorea coerulescens. cDNAs cloned into the MCS form N-terminal fusions with AcGFP1; a PGK-driven puromycin cassette allows stable selection, enabling gene delivery into difficult-to-transfect primary 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 ℃.