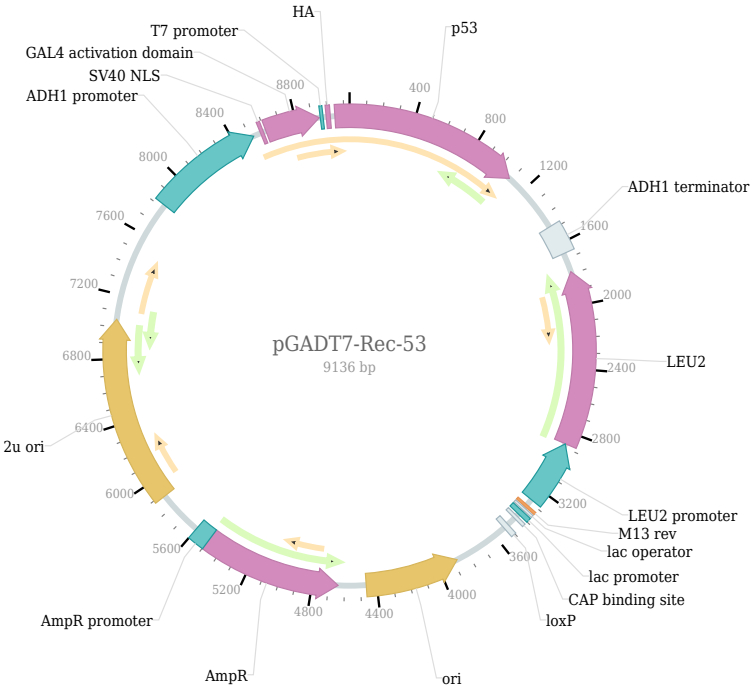
pGADT7-Rec-53

Vector ID	V013176
Antibiotic Resistance	Ampicillin
Length	9136 bp
Vector Type	Hybridization
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	LEU2
Promoter	ADH1(long)
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pGADT7-Rec-53 is a common prey plasmid in yeast two-hybrid systems, carrying a mutant gene of SV40 large T antigen (T-53). It works with bait plasmids like pGBKT7-53 to validate the yeast two-hybrid system (as a positive control) and study protein-protein interactions by screening proteins that bind to target 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 ℃.