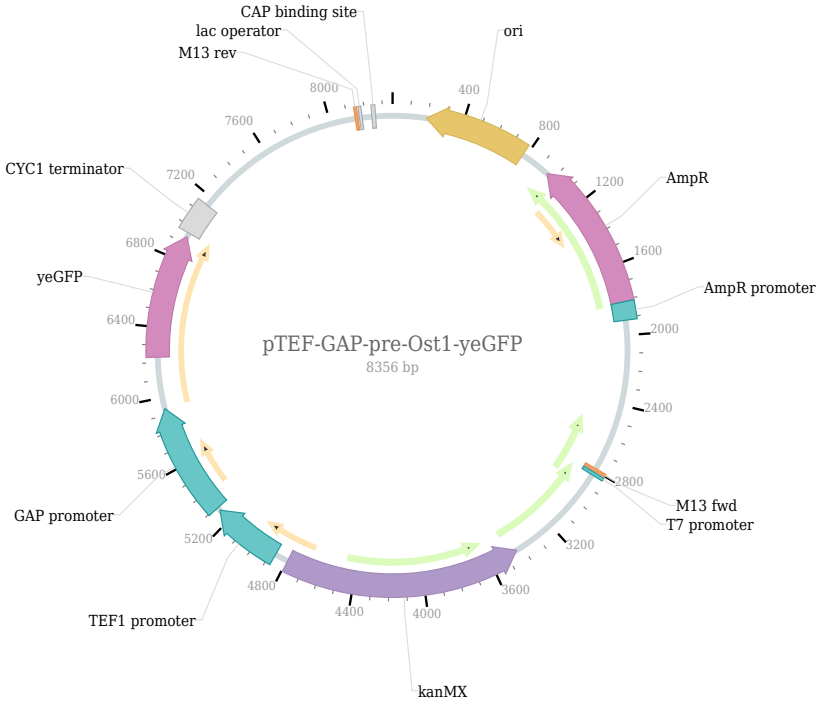
pTEF-GAP-pre-Ost1-yeGFP

Vector ID	V014001
Antibiotic Resistance	Ampicillin
Length	8356 bp
Vector Type	Protein expression
Host	Yeast

Product Information

Replication Origin	ori
Selection Marker	Neo/G418
Promoter	GPD
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	The pTEF - GAP - pre - Ost1 - yeGFP plasmid uses the strong constitutive promoter PTEF to drive efficient expression of an Ost1 - related target gene in yeast cells. yeGFP acts as a reporter gene for direct observation and analysis of gene expression. It's applicable in multiple fields like gene function, protein expression/localization, and cell biology studies.

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 ℃.