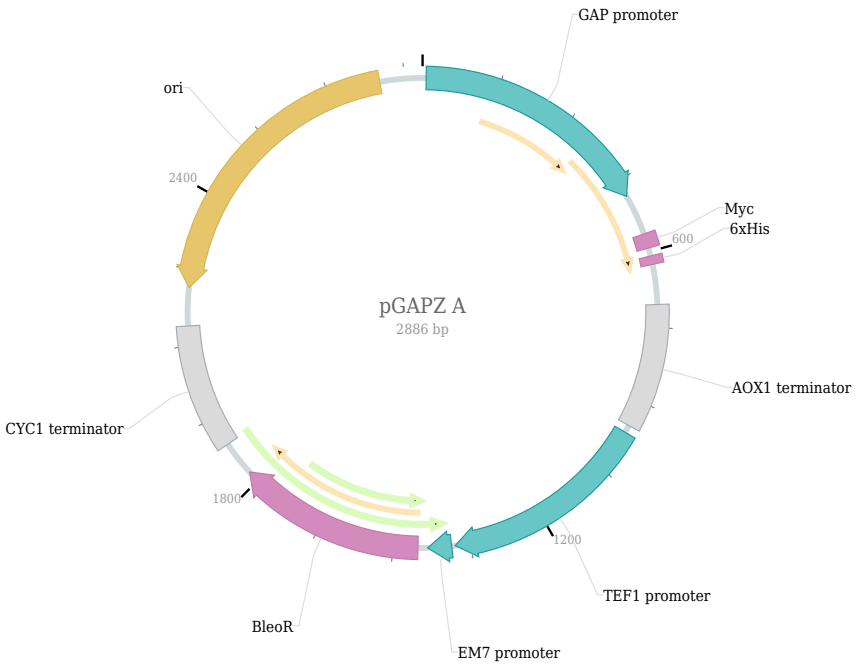
pGAPZ A

Vector ID	V010276
Antibiotic Resistance	Zeocin
Length	2886 bp
Vector Type	Yeast Plasmids
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Promoter	GAP
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	pGAPZα A is an Pichia pastorisshuttle expression vector. It carries Zeocin resistance (prokaryotic + eukaryotic), uses the constitutive GAP promoter (glyceraldehyde-3-phosphate dehydrogenase) for continuous expression without methanol induction, and features the α-factor secretion signal plus C-terminal c-myc and 6×His tags for detection/purification.

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 ℃.