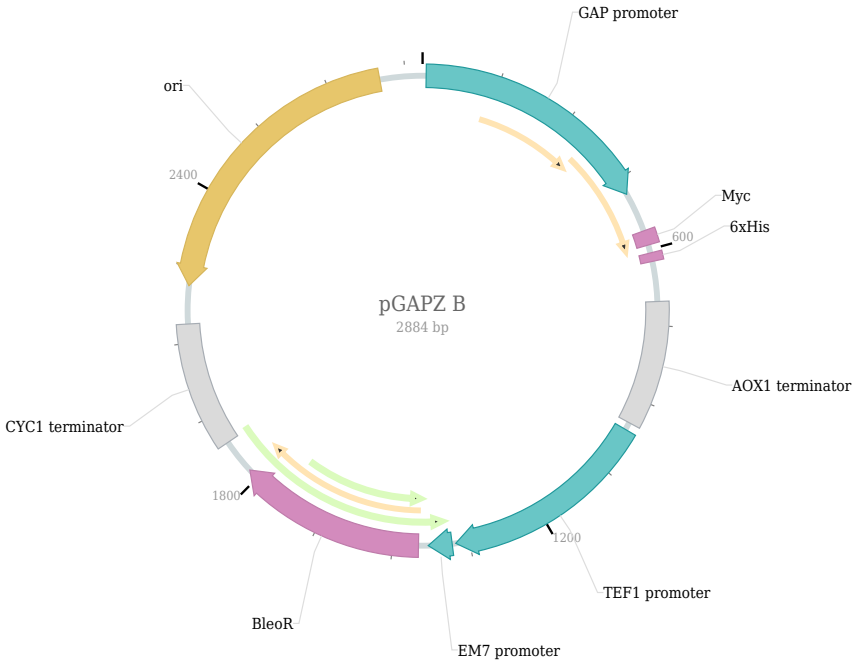
pGAPZ B

Vector ID	V010275
Antibiotic Resistance	Bleomycin
Length	2884 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)	DH10B
Comment	This is a 2884 bp yeast episomal expression vector, pGAPZ B. It is designed for high-level protein expression in yeast, utilizing the strong GAP and TEF1 promoters to drive the transcription of the target gene. The construct includes a CYC1 terminator for proper mRNA processing and features dual selection markers, BleoR and Zeocin, for maintaining the plasmid in host 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 ℃.