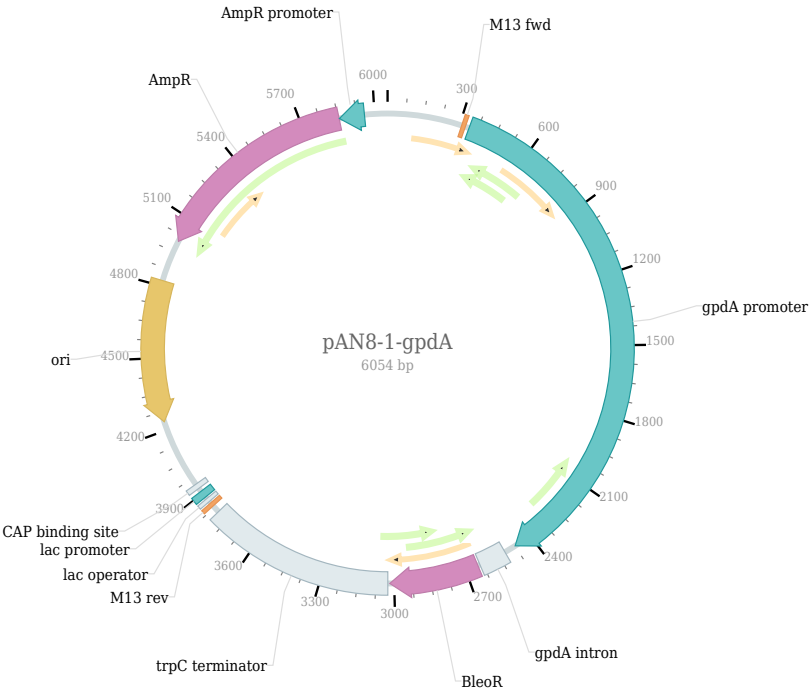
pAN8-1-gpdA

Vector ID	V013049
Antibiotic Resistance	Ampicillin
Length	6054 bp
Vector Type	Protein expression
Host	Hyphal fungi

Product Information

Replication Origin	ori
Selection Marker	Zeo
Promoter	gpdA
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pAN8-1-gpdA serves as a fungal expression vector, driving target gene expression via the Aspergillus niger gpdA promoter. It carries the ble gene to provide bleomycin resistance screening, supporting gene function validation and transformant selection.

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 ℃.