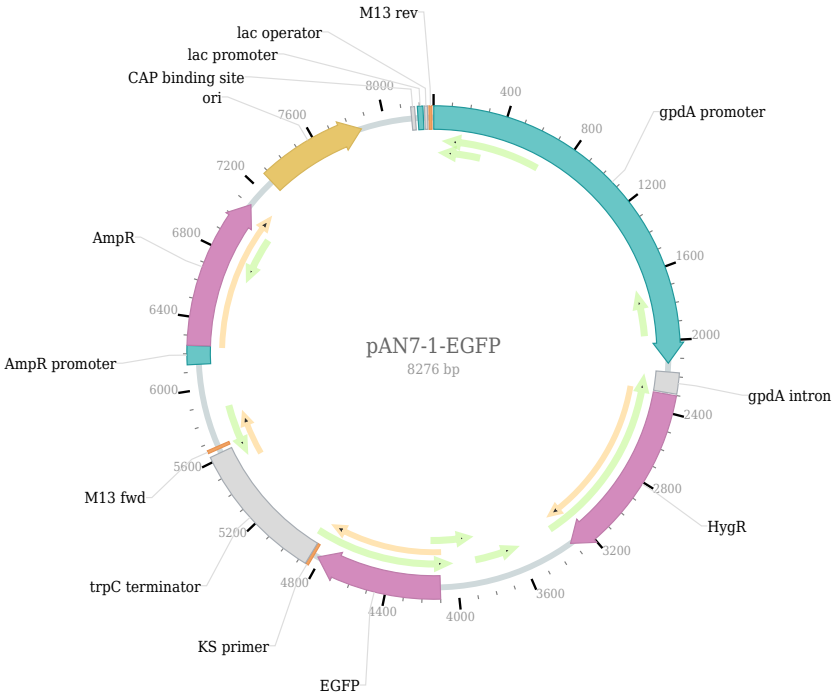
pAN7-1-EGFP

Vector ID	V014440
Antibiotic Resistance	Ampicillin
Length	8276 bp
Vector Type	Protein expression
Host	Hyphal fungi

Product Information

Replication Origin	ori
Selection Marker	Hyg
Promoter	gpdA
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pAN7-1-EGFP is a dedicated expression vector for Aspergillus species, carrying a kanamycin resistance gene and EGFP fluorescent tag. It is employed for fungal gene transformation, protein expression, and subcellular localisation 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 ℃.