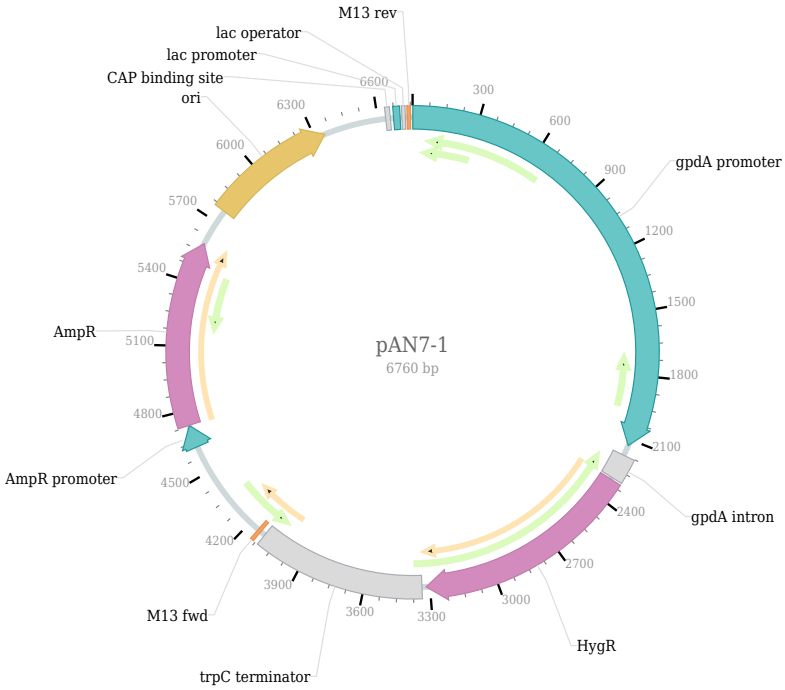
pAN7-1

Vector ID	V012554
Antibiotic Resistance	Ampicillin
Length	6760 bp
Vector Type	Cloning Vectors

Product Information

Replication Origin	ori
Source/Author	Punt PJ, Oliver RP, Dingemanse MA, Pouwels PH, van den Hondel CA.
Copy Number	High copy number
Promoter	gpdA
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pAN7-1 is a fungal transformation shuttle vector carrying the E. coli hygromycin B phosphotransferase gene (hph) under Aspergillus regulatory sequences, used for hygromycin selection in filamentous fungi.

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 ℃.