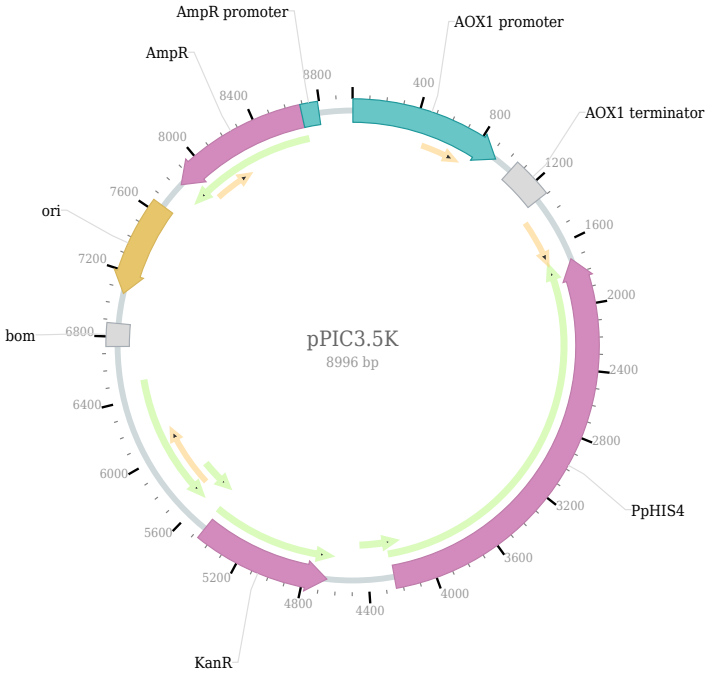
pPIC3.5K

Vector ID	V010254
Antibiotic Resistance	Ampicillin
Length	8996 bp
Vector Type	Yeast Plasmids

Product Information

Replication Origin	ori
Source/Author	Invitrogen (Life Technologies)
Copy Number	High copy number
Promoter	AOX1
Growth Strain(s)	DH10B
Growth Temperature	37℃
Comment	pPIC3.5K, driven by the AOX1 promoter, enables methanol-induced expression. Through multi-copy integration and screening capabilities, it achieves highly efficient target protein expression, thereby supporting protein preparation and related research.

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 ℃.