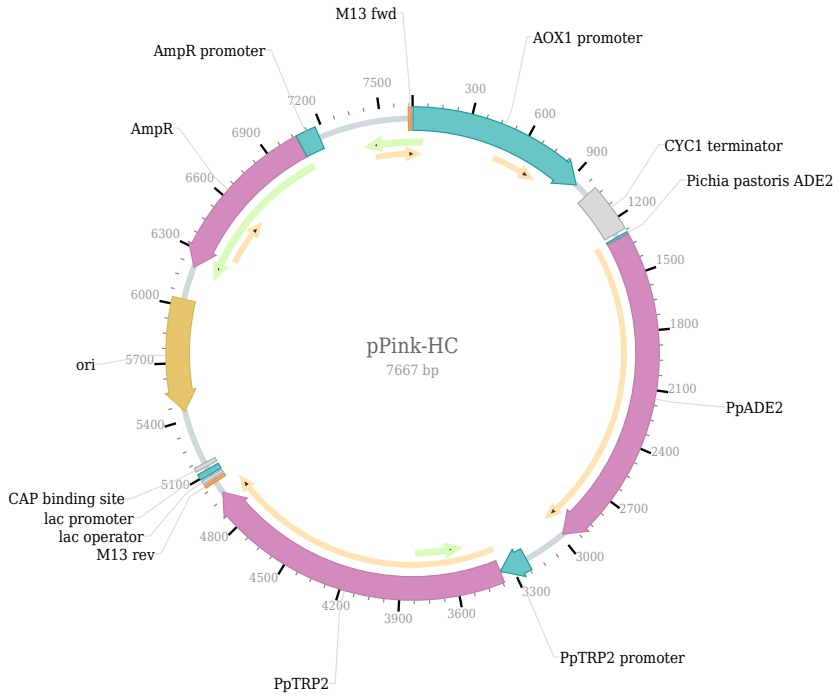
pPink-HC

Vector ID	V010237
Antibiotic Resistance	Ampicillin
Length	7667 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
Comment	pPink-HC is a high-copy integrative Pichia pastoris expression vector pairing the methanol-inducible AOX1 promoter with ADE2 complementation-based copy number selection. Delivers elevated recombinant protein yields in Pichia pastoris, demonstrated at multi-gram scale for fungal uricase (Mahmoudi et al. 2023).

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 ℃.