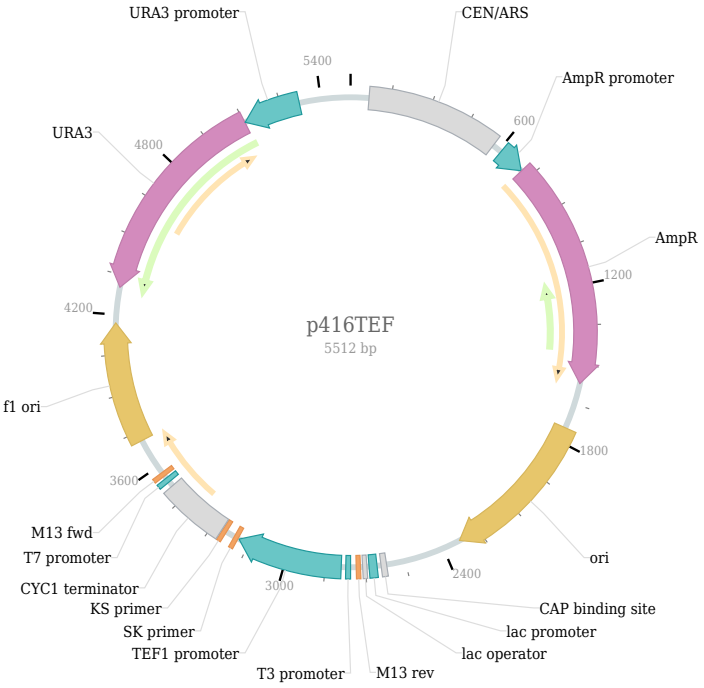
p416TEF

Vector ID	V009725
Antibiotic Resistance	Ampicillin
Length	5512 bp
Vector Type	Yeast centromeric expression vector
Host	Yeast

Product Information

Replication Origin	ori
Source/Author	Mumberg D, Muller R, Funk M.
Promoter	TEF1
Growth Strain(s)	DH10B
Comment	p416TEF is a low-copy yeast expression vector containing the TEF strong promoter to drive constitutive expression of exogenous genes. It optimises protein transport from the endoplasmic reticulum to the Golgi apparatus through overexpression of SEC16, thereby enhancing α-amylase secretion efficiency.

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 ℃.