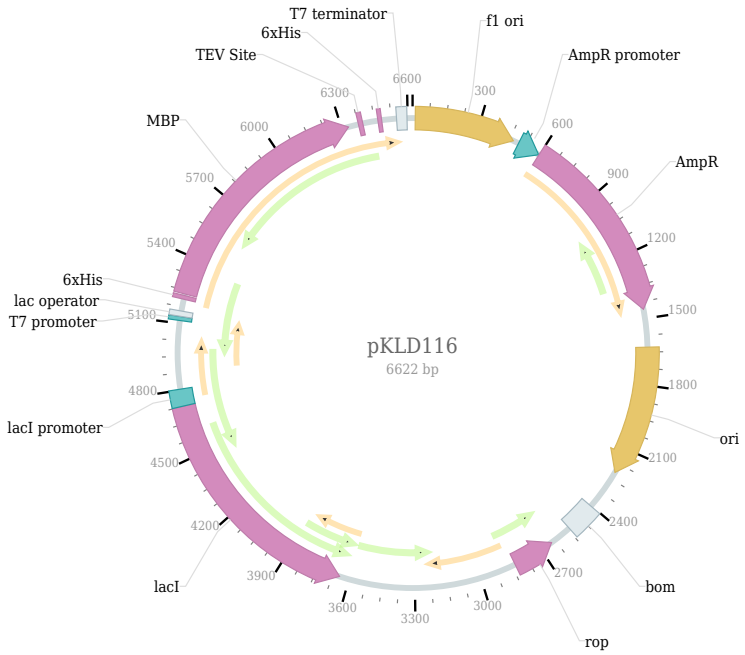
pKLD116

Vector ID	V005215
Antibiotic Resistance	Ampicillin
Length	6622 bp
Vector Type	Expression vector

Product Information

Replication Origin	ori
Source/Author	Rocco CJ, Dennison KL, Klenchin VA, Rayment I, Escalante-Semerena JC.
Growth Strain(s)	Top10
Growth Temperature	37℃
Comment	The pKLD116 vector facilitates the production of a recombinant protein featuring an N-terminal His6 tag followed by a maltose-binding protein (MBP) tag in sequence. These tags can be cleaved off using TEV protease.

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 ℃.