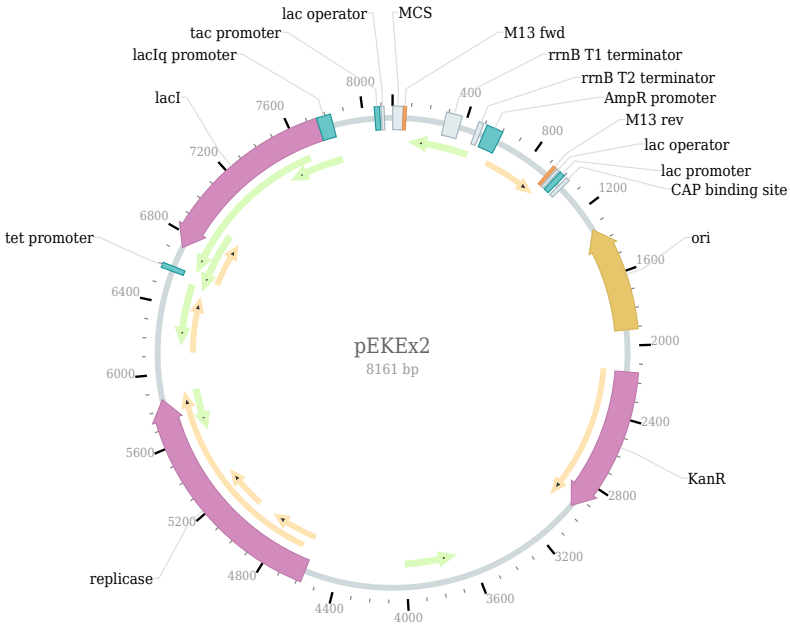
pEKEx2

Vector ID	V007586
Antibiotic Resistance	Kanamycin
Length	8161 bp
Vector Type	Shuttle-expression vector

Product Information

Replication Origin	ori
Source/Author	Krumbach K, Eggeling L, Eikmanns B.
Growth Strain(s)	DH10B
Comment	pEKEx2 is a plasmid vector carrying an IPTG-inducible tac promoter, designed for the expression of the heterologous fatty acyl-CoA reductase Maqu_2220/Maqu_2507 in Bacillus glutamic acidum. This enzyme catalyses the conversion of fatty acids into fatty alcohols.

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 ℃.