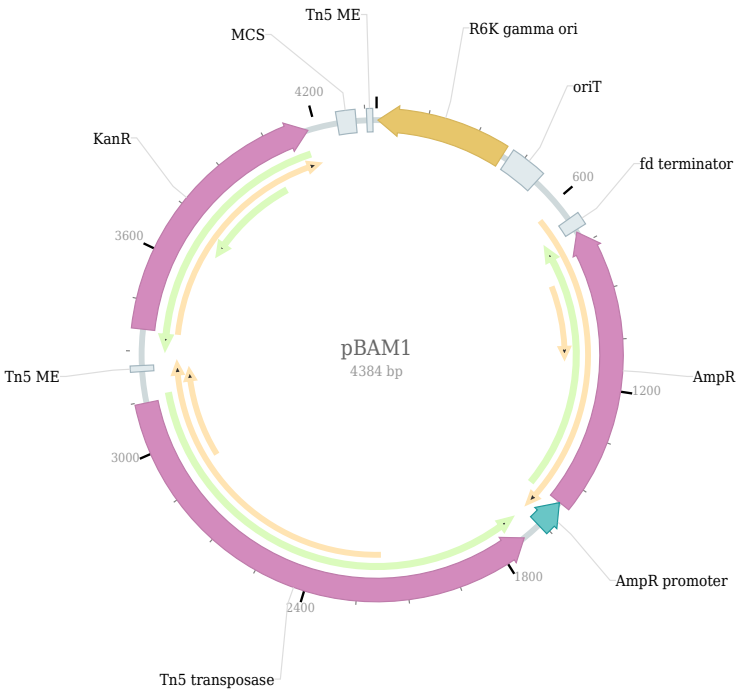
pBAM1

Vector ID	V009284
Antibiotic Resistance	Ampicillin
Length	4384 bp
Vector Type	Cloning vector

Product Information

Replication Origin	R6K γ ori
Source/Author	Martinez-Garcia E, Calles B, Arevalo-Rodriguez M, de Lorenzo V.
Growth Strain(s)	GT115
Growth Temperature	37℃
Comment	pBAM1 is a synthetic mini-transposon vector for genetic engineering in Gram-negative bacteria. It features a suicide R6K origin, ampicillin resistance, and a hyperactive Tn5 transposase for stable chromosomal insertion of DNA cargo via conjugation or electroporation.

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 ℃.