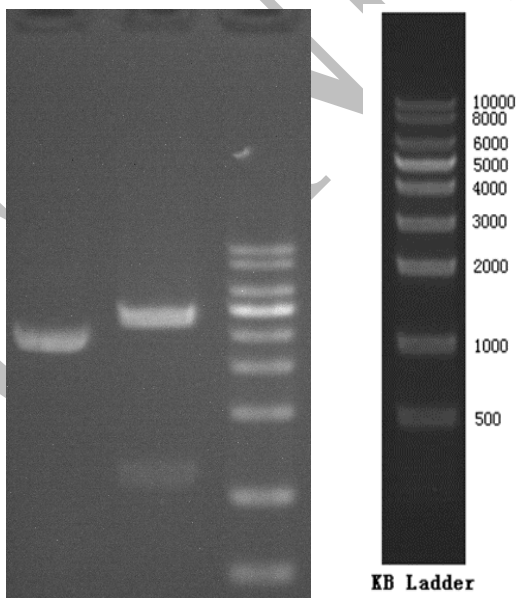


CERTIFICATE OF ANALYSIS			
Gene Name	pK18mobsacB	Catalog No.	V005269
Lot No.	NP21959	Vector Size	5,719 bp
Type	Corynebacterium glutamicum knockout vectors	Vector Resistance	Kanamycin
Screening Marker	Suicide Gene SacB	Culture conditions	LB medium, 37°C, aerobic
QC Results			
Test Items	Specifications	Results	
Insert Sequence	Insert sequence results consistent with target	Pass	
Vector Sequence	Flanking sequence consistent with expected	Pass	
ORF Across Junction	Correct and consistent with target	N/A	
Restriction Digest	Expected fragment sizes observed	Pass	
PCR Amplification	Correct without non - specific bands	Pass	
DNA Quantity/Quality	Actual yield (by A 260 )	5µg/5µg	
	Concentration (n/a if lyophilized)	N/A	
	Purity (A 260/A280 = 1.8 - 2.0)	Pass	
	# of Tubes	2	
	Matrix	TE (lyophilized)	
Endotoxin Test	Verified, <0.1 EU/µg (Endo-Free Preps Only)	N/A	
Appearance	Clear, no visible particles	Pass	
Label	Correct and white	Pass	
Comments	-	-	

1 2 M

Competent cell: JM108



Lane M: KB Ladder  
 Lane 1: pK18mobsacB plasmid  
 Lane 2: pK18mobsacB plasmid digested  
 by NcoI and EcoRI

Certified by: Chou Fang

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Date: July/21/2023

Valid until: July/20/2025

## Vector Map

