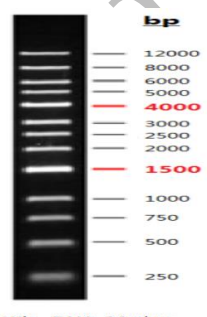
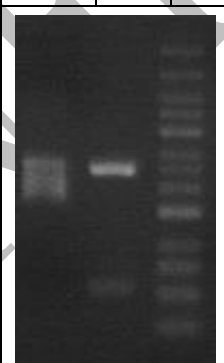


Certificate of Analysis				
Vector Name	pMCS5	Catalog No.	V012445	
Project/Lot No.	G0324333-1/V35820	Strain	Top10	
Quantity	100ug	Resistance	Ampicillin	
QC Results				
Test Items	Specifications	Results		
Insert Sequence	Insert sequence results consistent with target	Pass		
Vector Sequence	Flanking sequence 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	Concentration (n/a if lyophilized)	N/A		
	Purity (A 260/A280 = 1.8 - 2.0)	Pass		
	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	-	-		
Restriction Digestion Map				
Marker	1	2	M	Description of Map
 <p>bp</p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p> <p>1Kb DNA Marker</p>				<p><b>Lane 1:</b> Plasmid</p> <p><b>Lane 2:</b> Plasmid Digested with PvuII (2525 bp + 556 bp in theory)</p> <p><b>Lane M:</b> DNA Marker</p>

Certified by: Chou Fang



Date: July/18/2024

Valid until: July/18/2026