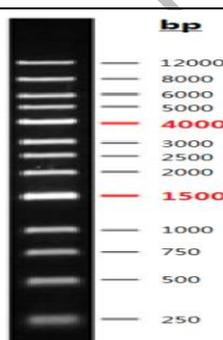
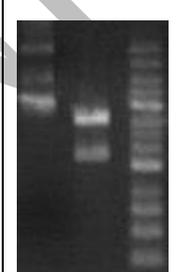


CERTIFICATE OF ANALYSIS			
Vector Name	pGEX-5X-2	Catalog No.	V010914
Project/Lot No.	G0294429-1/MF86140	Strain	Top10
Quantity	100 ug	Resistance	Amp
QC Results			
Test Items	Specifications	Results	
Insert Sequence	Insert sequence results consistent with target	Pass	
Vector Sequence	Flanking sequence consistent 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 )	5ug/5ug	
	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	-	-	
Restriction Digestion Map			
	1	2	M
 <p>bp</p> <ul style="list-style-type: none"> <li>12000</li> <li>8000</li> <li>6000</li> <li>5000</li> <li>4000</li> <li>3000</li> <li>2500</li> <li>2000</li> <li>1500</li> <li>1000</li> <li>750</li> <li>500</li> <li>250</li> </ul> <p>1Kb DNA Marker</p>			<p><b>Lane 1:</b> Plasmid</p> <p><b>Lane 2:</b> Plasmid Digested with EcoRV-BamHI</p> <p><b>Lane M:</b> DNA Marker</p>



Certified by: Chou Fang

Date: Nov/02/2023

Valid until: Nov/02/2025