

CERTIFICATE OF ANALYSIS						
Vector Name	pRS424		Catalog No.	V	010218	
Project/Lot No.	G0279796-1/E64647		Strain	stb13		
Quantity	100ug		Resistance	Ampicillin		
QC Results						
Test Items	Specifications		Results			
Appearance	Clear, no visible particles			Pass		
Concentration	On request, default 1ug/uL			Pass		
A260/280	1.8 - 2.0			Pass		
A260/230	>2.0			Pass		
<b>Supercoiled content</b>	No request			N/A		
Residual RNA	Not visible upon electrophoresis			Pass		
Genomic DNA	Not visible upon electrophoresis			Pass		
Restriction Analysis	Conforms to reference			Pass		
Bioburden assay	No growth on agar plate after 24 hours			N/A		
<b>Endotoxin Test</b>	Verified, (Endo-Free Preps Only)			N/A		
Label	Correct and white			Pass		
Sequencing	Correct			Pass		
Comments						
Restriction Digestion Map						
р	1 2 M  Lanel:Plasmid DNA					
	Lane2:Plasmid digested by EcoRV					
— 3000 — 2500 — 2000 — 1500 — 1000 — 750 — 500		Lane M	I: DNA Marke	er		
— 250						

**Certified by: Chou Fang** 

Date: <u>Jul/08/2023</u>
Valid until: <u>Jul/07/2025</u>