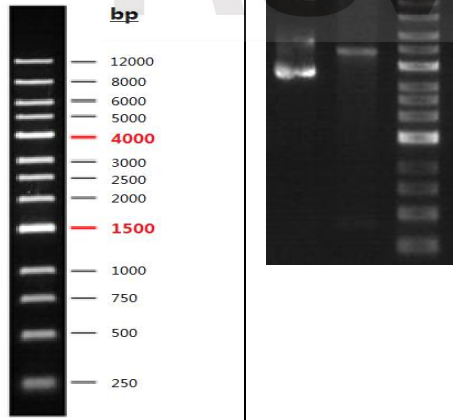


<b>CERTIFICATE OF ANALYSIS</b>			
<b>Vector Name</b>	pAc5.1/V5-His A(Cat.#V011696)	<b>Project No.</b>	G0173294-3
<b>Lot No.</b>	D00284	<b>Strain</b>	Stb13
<b>Quantity</b>	10ug	<b>Quality grade</b>	Research Grade
<b>QC Results</b>			
<b>Test Items</b>	<b>Specifications</b>	<b>Results</b>	
<b>Appearance</b>	Clear, no visible particles	Pass	
<b>Concentration</b>	On request, default 1ug/ul	Pass	
<b>A260/280</b>	1.8 - 2.0	Pass	
<b>A260/230</b>	>2.0	Pass	
<b>Supercoiled content</b>	No request	N/A	
<b>Residual RNA</b>	Not visible upon electrophoresis	Pass	
<b>Genomic DNA</b>	Not visible upon electrophoresis	Pass	
<b>Restriction Analysis</b>	Conforms to reference	Pass	
<b>Bioburden assay</b>	No growth on agar plate after 24 hours	N/A	
<b>Endotoxin Test</b>	Verified, (Endo-Free Preps Only)	N/A	
<b>Label</b>	Correct and white	Pass	
<b>Sequencing</b>	Correct	Pass	
<b>Comments</b>	-	-	
<b>Restriction Digestion Map</b>			
	<b>1</b>	<b>2</b>	<b>M</b>
 <p><b>bp</b></p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p>	<p><b>Lane1:</b>Plasmid DNA</p> <p><b>Lane2:</b>Plasmid digested by XhoI-SalI</p> <p><b>Lane M:</b> DNA Marker</p>		

**Certified by: Chou Fang**
**Date: Feb/28/2022**
