

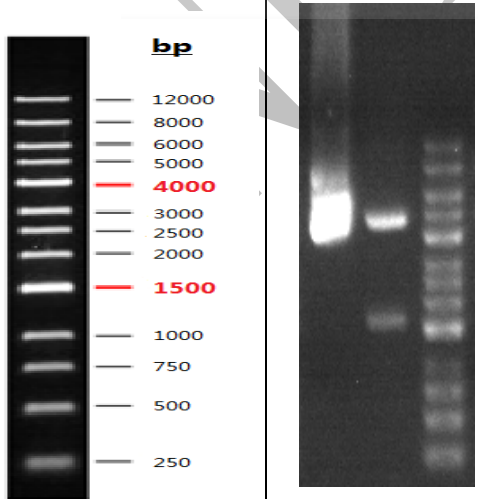
## CERTIFICATE OF ANALYSIS

<b>Gene Name</b>	pNIC28-Bsa4 (Cat.#V010577)	<b>Order No.</b>	G0224659-1
<b>Lot No.</b>	E18582	<b>Strain</b>	stb13
<b>Quantity</b>	100ug	<b>Quality grade</b>	Transfection Grade

### QC Results

Test Items	Specifications	Results
<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>	Predominantly supercoiled	Pass
<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, <100EU/mg (Endo-Free Preps Only)	Pass
<b>Label</b>	Correct and white	Pass
<b>Sequencing</b>	Correct	Pass
<b>Comments</b>	-	-

### Restriction Digestion Map

	1	2	M
 <p><b>bp</b></p> <p>12000 8000 6000 5000 <b>4000</b> 3000 2500 2000 <b>1500</b> 1000 750 500 250</p>			
	<p><b>Lane 1:</b> Plasmid DNA</p> <p><b>Lane 2:</b> Plasmid digested by XbaI-SacII</p> <p><b>Lane M:</b> DNA Marker</p>		

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Certified by: Chou Fang

Date: Dec/13/2023

Valid until: Dec/13/2026