

## CERTIFICATE OF ANALYSIS

Gene Name	pPICZ B(Cat.#V010243)	Order No.	G0207391-1
Lot No.	E15268	Strain	JM108
Quantity	100ug	Quality grade	Research Grade

### QC Results

Test Items	Specifications	Results
Appearance	Clear, no visible particles	Pass
Concentration	On request, default	Pass
A260/280	1.8 - 2.0	Pass
A260/230	>2.0	Pass
Supercoiled content	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
Endotoxin Test	Verified, (Endo-Free Preps Only)	N/A
Label	Correct and white	Pass
Sequencing	Correct	Pass
Comments	-	-

### 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>Lane1:</b>Plasmid DNA</p> <p><b>Lane2:</b>Plasmid digested by BglII-HindIII</p> <p><b>Lane M:</b> DNA Marker</p>

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Certified by: Chou Fang

Date: Dec/16/2023

Valid until: Dec/16/2026