

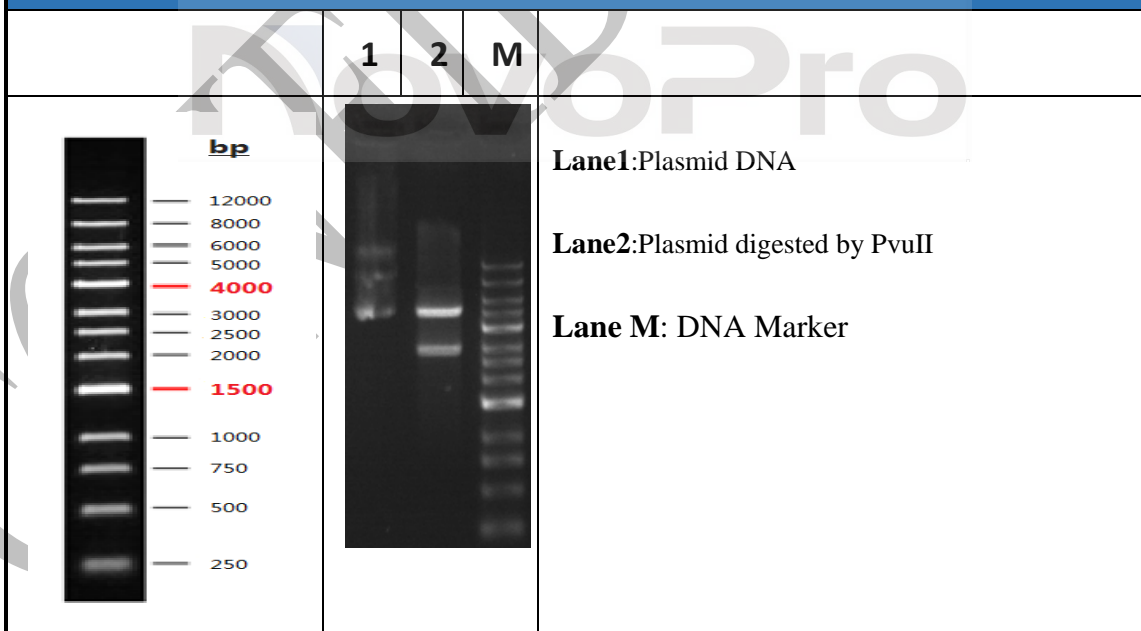
## CERTIFICATE OF ANALYSIS

<b>Gene Name</b>	pPIC9(Cat.#V010246)	<b>Order No.</b>	G0161896-1
<b>Lot No.</b>	D26907	<b>Strain</b>	Stb13
<b>Quantity</b>	100ug	<b>Quality grade</b>	Research 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	N/A
<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 48 hours	N/A
<b>Endotoxin Test</b>	Verified, <5EU/mg (Endo-Free Preps Only)	Pass
<b>Label</b>	Correct and white	Pass
<b>Sequencing</b>	Correct	Pass
<b>Comments</b>	-	-

### Restriction Digestion Map


**Certified by: Chou Fang**

**Date: Feb/28/2022**