

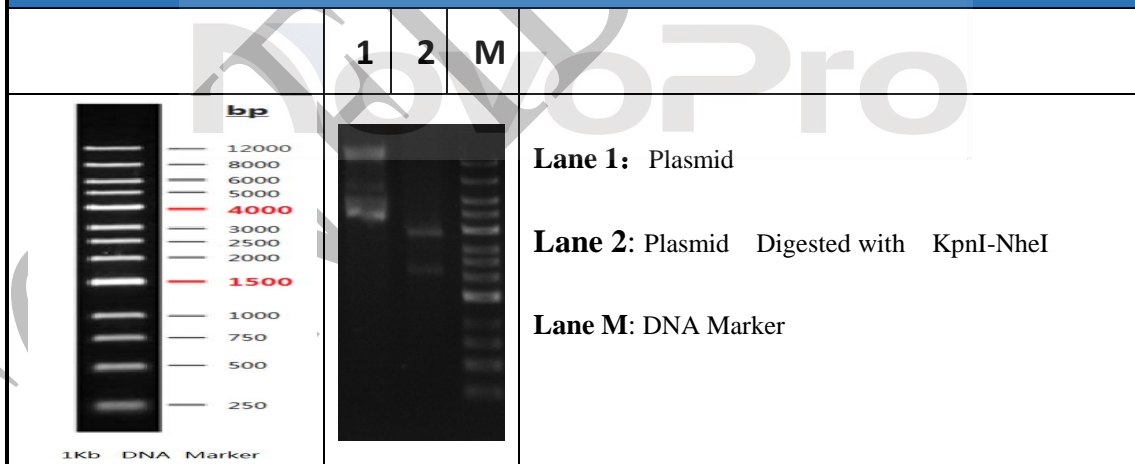
## CERTIFICATE OF ANALYSIS

<b>Gene Name</b>	pNIT-1(Cat.#V004308)	<b>Order No.</b>	G0217404-1
<b>Lot No.</b>	V69936	<b>Vector Resistance</b>	Kan

### QC Results

Test Items	Specifications	Results
<b>Insert Sequence</b>	Insert sequence results consistent with target	Pass
<b>Vector Sequence</b>	Flanking sequence consistent with expected	Pass
<b>ORF Across Junction</b>	Correct and consistent with target	N/A
<b>Restriction Digest</b>	Expected fragment sizes observed	Pass
<b>PCR Amplification</b>	Correct without non - specific bands	Pass
<b>DNA Quantity/Quality</b>	Actual yield (by A 260 )	5µg/5µg
	Concentration (n/a if lyophilized)	N/A
	Purity (A 260/A280 = 1.8 - 2.0)	Pass
	# of Tubes	2
	Matrix	TE (lyophilized)
<b>Endotoxin Test</b>	Verified, <0.1 EU/µg (Endo-Free Preps Only)	N/A
<b>Appearance</b>	Clear, no visible particles	Pass
<b>Label</b>	Correct and white	Pass
<b>Comments</b>	-	-

### Restriction Digestion Map



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