

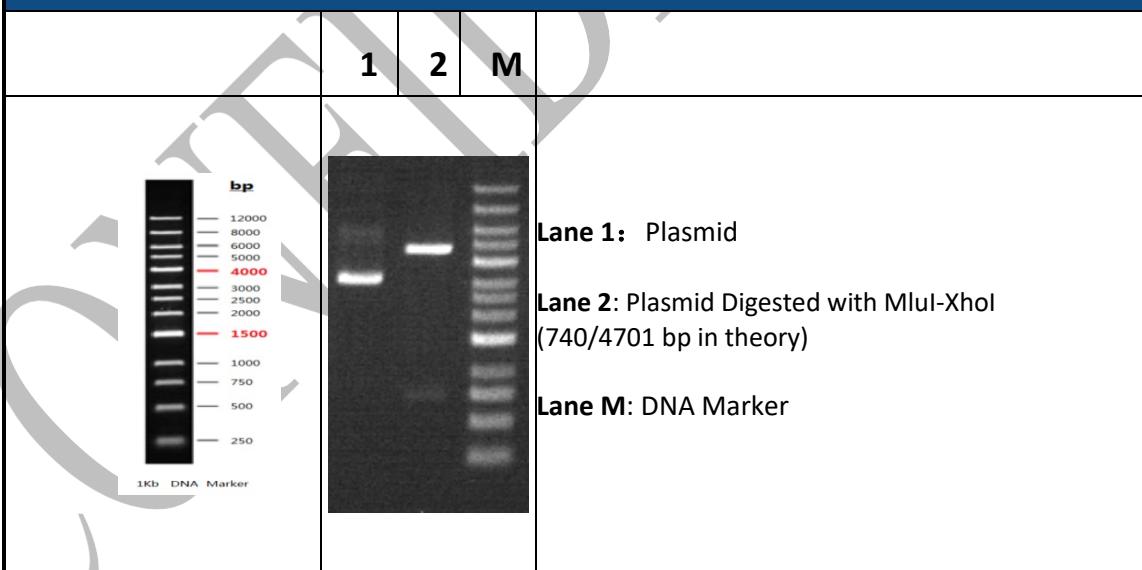
CERTIFICATE OF ANALYSIS

Vector Name	pcDNA3.1+-C-HA	Catalog No.	V011321
Project/Lot No.	G0396190-1/ YLH58131	Strain	Top10
Quantity	100ug	Resistance	Ampicillin

QC Results

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

Restriction Digestion Map



Certified by: Chou Fang
 Date: Dec/23/2025
 Valid until: Dec/23/2028

