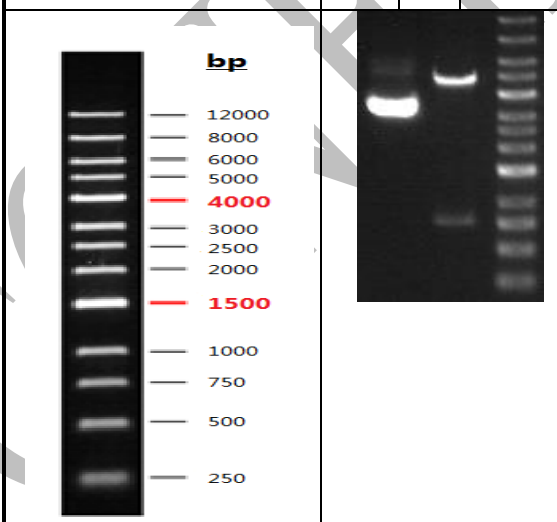


CERTIFICATE OF ANALYSIS			
Vector Name	pcDNA3.1-Hygro	Catalog No.	V011339
Project/Lot No.	G0309274-1/D65970	Strain	DH10b
Quantity	100ug	Resistance	Ampicillin
QC Results			
Test Items	Specifications	Results	
Appearance	Clear, no visible particles	Pass	
Concentration	On request, default 1ug/uL	Pass	
A260/280	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>bp</p> <p>12000 8000 6000 5000 4000 3000 2500 2000 1500 1000 750 500 250</p>			<p>Lane 1: Plasmid DNA</p> <p>Lane 2: Plasmid digested by MluI-XhoI (4840 bp + 757 bp in theory)</p> <p>Lane M: DNA Marker</p>

Certified by: Chou Fang



Date: Jun/28/2024

Valid until: Jun/28/2026