

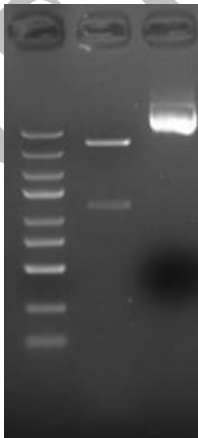
CERTIFICATE OF ANALYSIS

Vector Name	pDONR221 P1-P5r	Catalog No.	V011824
Lot No.	C245389	Size	4,765 bp
Quantity	100ug	Resistance	Kana

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

	M	1	2
<p>DL5000</p> <p>bp</p> <p>5000</p> <p>3000</p> <p>2000</p> <p>1500</p> <p>1000</p> <p>750</p> <p>500</p> <p>250</p> <p>100</p> <p>1.2% Agarose 1xTAE Buffer</p> <p>5ul/lane</p>		<p>Lane2:Plasmid DNA</p> <p>Lane1:Plasmid digested by BamHI and EcoRV</p> <p>Lane M: DNA Marker</p>	

Certified by: Chou Fang


Date: Mar/27/2023

Valid until: Mar/26/2026