

Certificate of Analysis

Project ID: U194RFE240-10
Lot No: U194RFE240-10/PF00606
Plasmid Name: N_prot_pcDNA3.1(+)
Quantity: 50 mg(10 mg each,5 vials) **Concentration:** 1 mg/mL
Final Volume: 50ml **Final Buffer:** TE

QC Items	Specifications	Results	
Sequence Accuracy	Sequence verification of full gene insert.	Pass	100% alignment with reference sequence
Appearance	Colorless, clear, free of precipitate or foreign particles	Pass	Colorless, clear, free of precipitate or foreign particles
Identity	Co-migrates with reference DNA and/or size confirmed versus marker	Pass	Confirmed
Restriction Digests	Matches expected test	Pass	Matched
			Shown in attachment 1
OD260/OD280	1.8-2.0	Pass	1.89
Residual RNA	Not visible on agarose gel	Pass	Invisible
Genomic DNA	Not visible on agarose gel	Pass	Invisible
Endotoxin	<input checked="" type="checkbox"/> ≤0.01 EU/μg	Pass	≤0.01 EU/μg
	<input type="checkbox"/> No QC testing requested		
Bio-Burden Assay	<input checked="" type="checkbox"/> Bio-Burden Assay	Pass	No viable organism
	<input type="checkbox"/> No QC testing requested		
Additional Test	N/A	N/A	

NOTE

Shipping at	Plasmid Storing at	Bacstab Storing at	Glycerol Stock Storing at
Room Temperature	-20°C	4°C	-20°C/-80°C

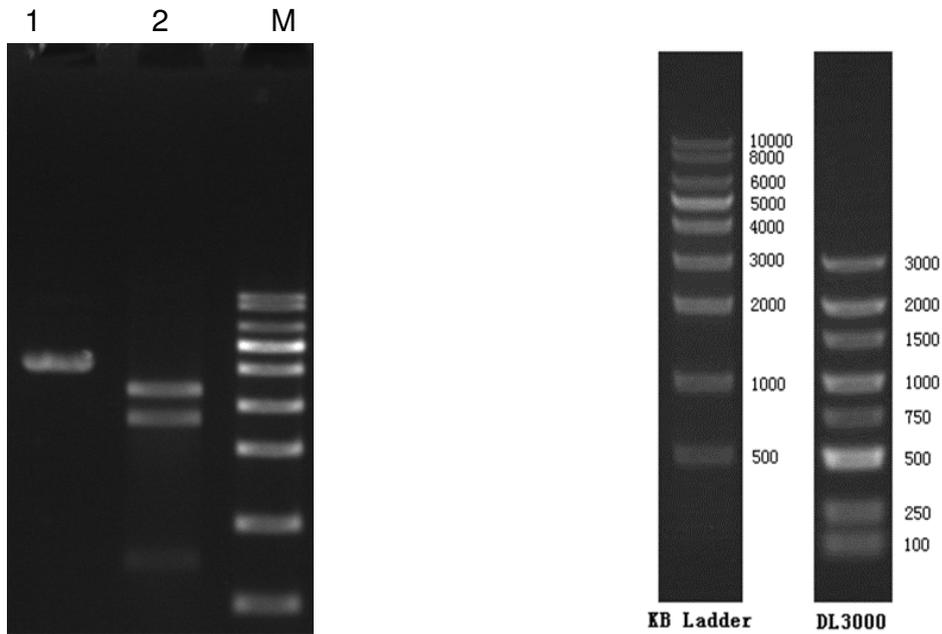
Certified by: *Morgan Wu* Date: 06/08/2020

Thank you for your patronage to our Gene services! To maintain this working relationship, we shall be grateful if you can add our webpage URL into your lab website. As a token of appreciation, you will be rewarded by 1,000 EZcoupon™ points. For more information, please contact us by e-mail at web@genscript.com.

For research use only

860 Centennial Ave., Piscataway, NJ 08854, USA

Enzyme Digestion



Lane M: KB Ladder
 Lane 1:U194RFE240-10 plasmid
 Lane 2:U194RFE240-10 plasmid digested
 by NcoI

Digestion Conditions:

About 300ng plasmid digested
 Digestion in water-bath,37°C for 40 minutes
 1% Agarose Gel