

Certificate of Analysis

Project ID: U4129CB060-4
Lot No.: U4129CB060S-4/G120920
Plasmid Name: TP53 (R175H) pcDNA5/TO
Quantity: 100 µg(0.1 mg each,1 vial) **Concentration:** 1 mg/mL
Final Volume: 100 µl **Final Buffer:** TE

QC Items	Specifications	Results	
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	1.86
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 <input type="checkbox"/> No QC testing requested	Pass	≤ 0.01 EU/µg
Bio-Burden Assay	<input checked="" type="checkbox"/> Bio-Burden Assay <input type="checkbox"/> No QC testing requested	Pass	No viable organism
Additional Test		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 *Morgan* Date: 2017/3/14

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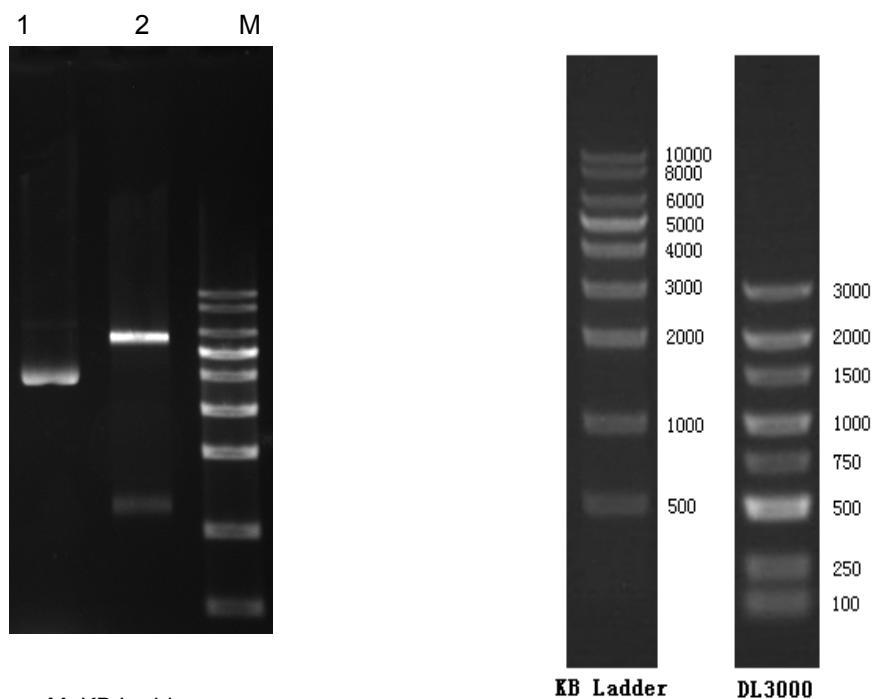
Fax: 1-732-210-0262

Email: order@genscript.com

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Attachment 1

Enzyme Digestion



Lane M: KB Ladder
Lane 1: U4129CB060-4 plasmid
Lane 2: U4129CB060-4 plasmid digested
by BamHI and XhoI

Digestion Conditions:

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

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