

Certificate of Analysis

Project ID: U9202EC110-1**Construct Information:**Gene Name: TP53 (R249S)Clone ID: I52118Cloning Vector: pcDNA5-TOGene Length: 1194 bpCloning Strategy: CloneEZ

QC Items	Specifications	Results	
Sequencing Alignment	Sequencing results are consistent with the targeted insert sequence.	Pass	Consistent
Vector Sequence	The flanking sequences of the cloning site are correct.	Pass	Correct Shown in the SQD file
Restriction Digests	The size of inserted fragment is correct and free of unexpected bands suggesting contamination.	Pass	Correct Shown in attachment 1
DNA Quality	Miniprep: 4 µg OD260/280=1.8~2.0 Free of contamination	Pass	≥ 4 µg OD260/280=1.86 Pure
Quality grade	Research Grade	Pass	Research Grade
Appearance	Clear and free of foreign particles.	Pass	Clear Free of foreign particles
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

Morgan

Certified by:

Date: **03/24/2019**

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.

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Toll-Free: 1-877-436-7274

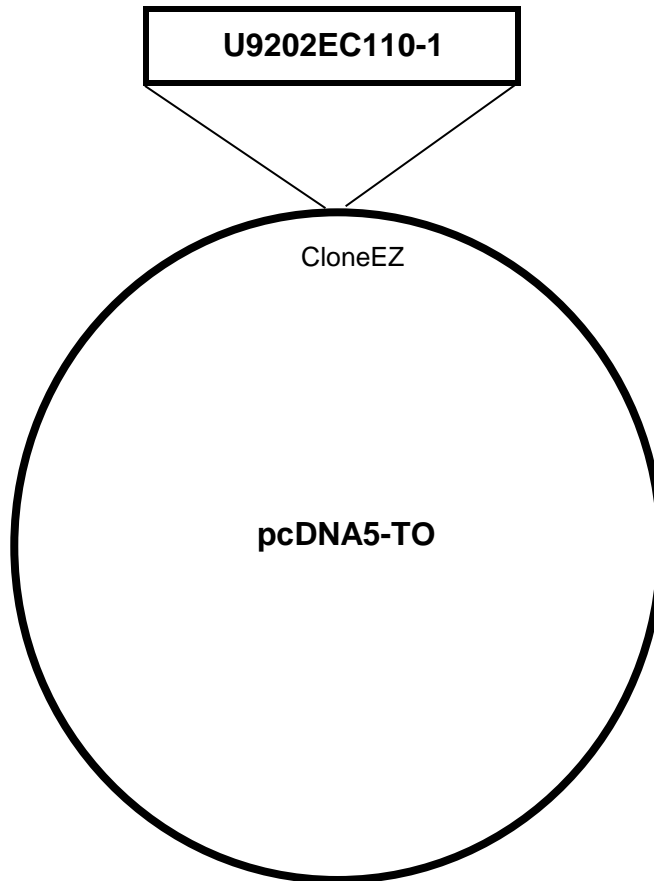
Tel: 1-732-885-9188

Fax: 1-732-210-0262

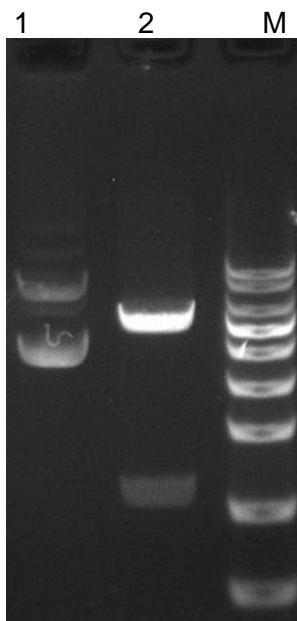
Email: order@genscript.comWeb: www.genscript.com

Plasmid Construct Map

The gene was cloned in pcDNA5-TO by CloneEZ.

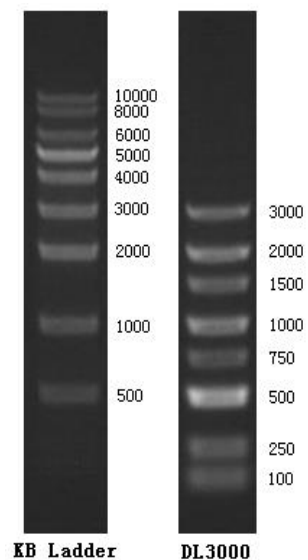


Enzyme Digestion



Lane M: KB Ladder
Lane 1: U9202EC110-1 plasmid
Lane 2: U9202EC110-1 plasmid digested
by PmeI

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



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