

# Certificate of Analysis

**Project ID:** U9202EC110-2

**Construct Information:**

**Gene Name:** TP53 (R282W)

**Clone ID:** I52121

**Cloning Vector:** pcDNA5-TO

**Gene Length:** 1194 bp

**Cloning Strategy:** CloneEZ

QC Items	Specifications	Results	
<b>Sequencing Alignment</b>	Sequencing results are consistent with the targeted insert sequence.	Pass	Consistent
<b>Vector Sequence</b>	The flanking sequences of the cloning site are correct.	Pass	Correct Shown in the SQD file
<b>Restriction Digests</b>	The size of inserted fragment is correct and free of unexpected bands suggesting contamination.	Pass	Correct Shown in attachment 1
<b>DNA Quality</b>	Miniprep: 4 µg OD260/280=1.8~2.0 Free of contamination	Pass	≥ 4 µg OD260/280=1.88 Pure
<b>Quality grade</b>	Research Grade	Pass	Research Grade
<b>Appearance</b>	Clear and free of foreign particles.	Pass	Clear Free of foreign particles
<b>Additional Test</b>		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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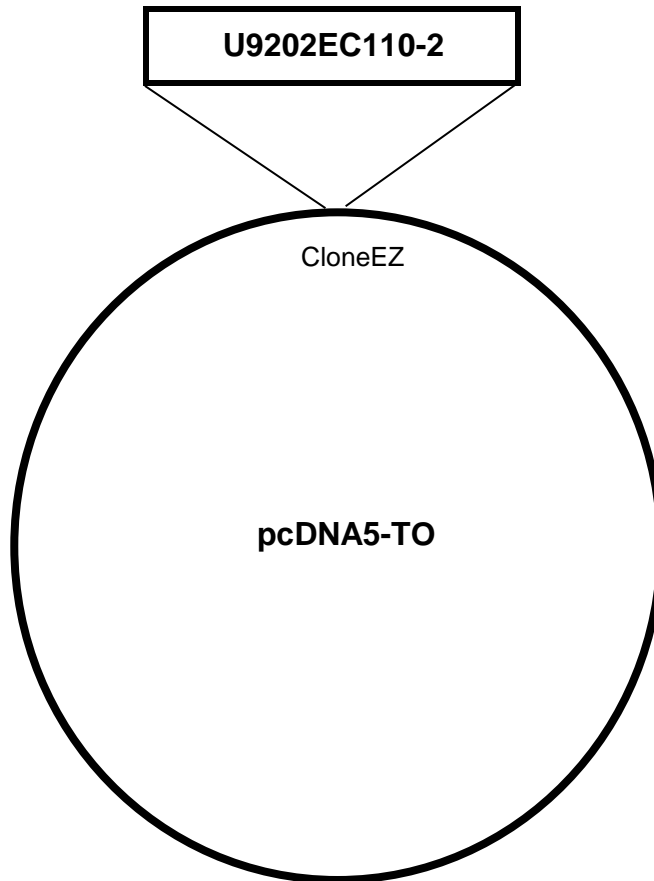
Fax: 1-732-210-0262

Email: order@genscript.com

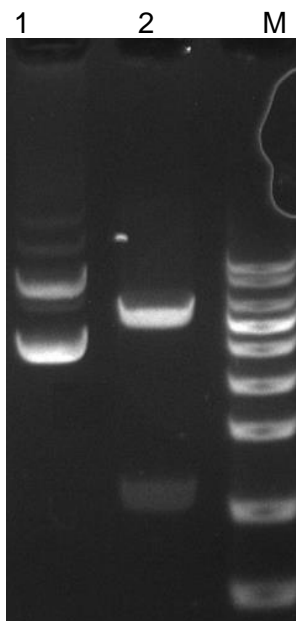
Web: www.genscript.com

## Plasmid Construct Map

The gene was cloned in pcDNA5-TO by CloneEZ.

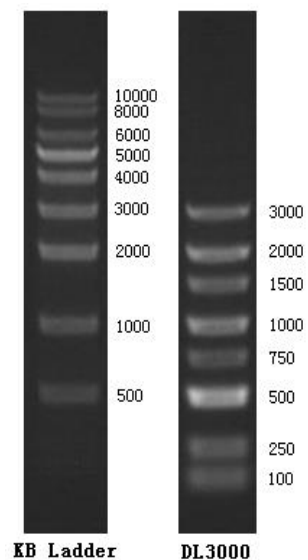


## Enzyme Digestion



Lane M: KB Ladder  
Lane 1: U9202EC110-2 plasmid  
Lane 2: U9202EC110-2 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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