

# Certificate of Analysis

**Project ID:** U4129CB060-5
**Construct Information:**
**Gene Name:** TP53 (H193Y)
**Clone ID:** E92012
**Cloning Vector:** pcDNA5/TO
**Gene Length:** 1197 bp
**Cloning Strategy:** BamHI / XhoI

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=1.80 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


**Certified by:**
**Date:** 03-14-2017

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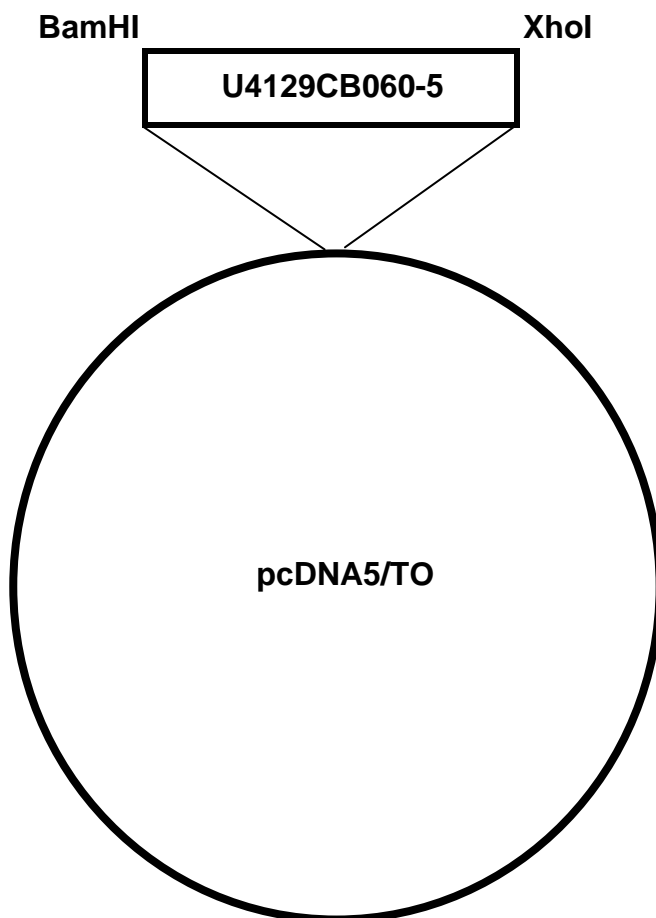
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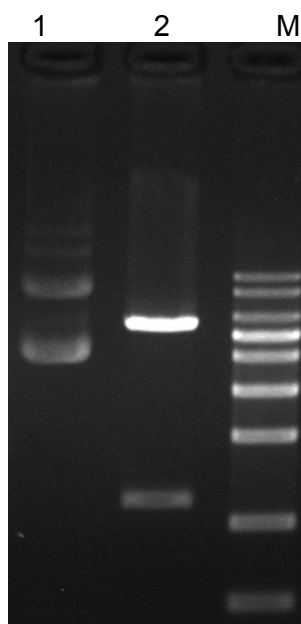
Attachment 1

Plasmid Construct Map

The gene was cloned in pcDNA5/TO by BamHI / XhoI.

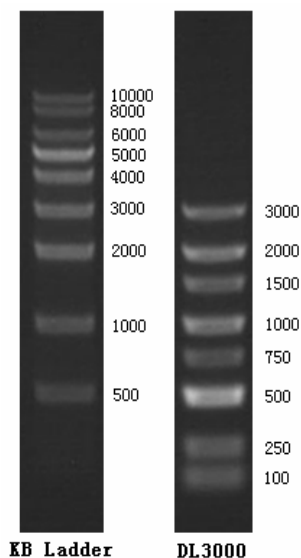


Enzyme Digestion



Lane M: KB Ladder  
Lane 1: U4129CB060-5 plasmid  
Lane 2: U4129CB060-5 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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