

Certificate of Analysis

Project ID: U4129CB060-3
Construct Information:
Gene Name: TP53 (R175H)
Clone ID: E92006
Cloning Vector: pcDNA5/TO
Gene Length: 1197 bp
Cloning Strategy: BamHI / XhoI

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=1.87 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


Certified by:
Date: 03-14-2017

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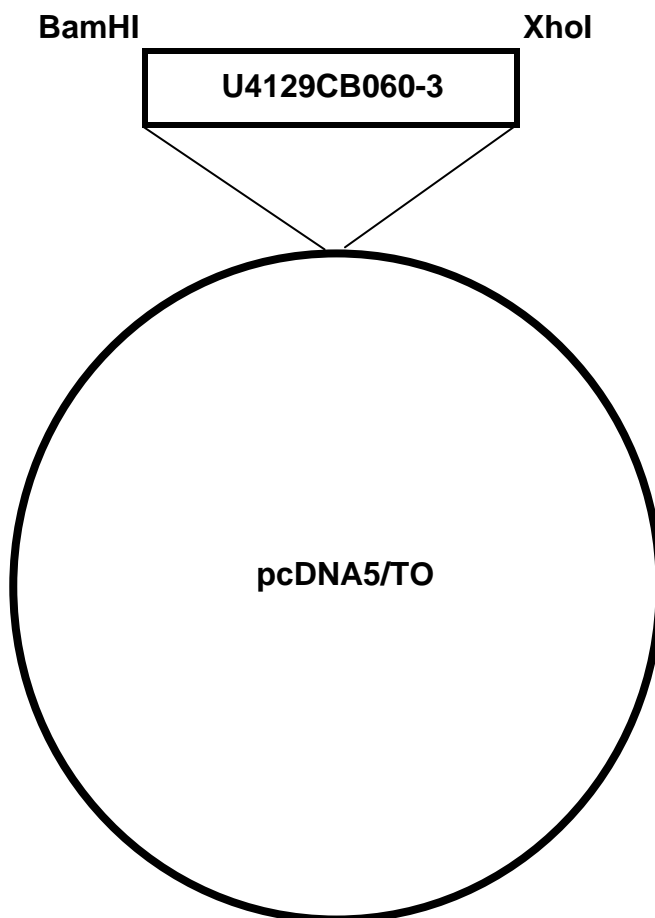
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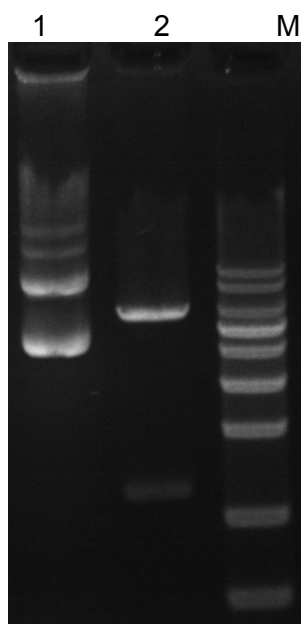
Attachment 1

Plasmid Construct Map

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

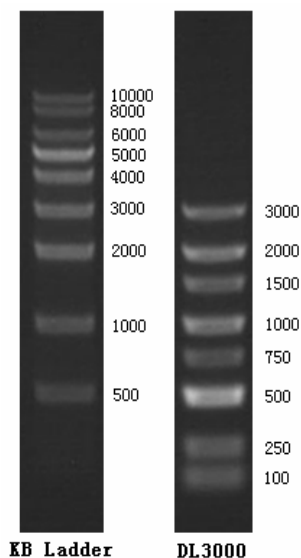


Enzyme Digestion



Lane M: KB Ladder
Lane 1: U4129CB060-3 plasmid
Lane 2: U4129CB060-3 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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