

# Certificate of Analysis

pOG44

Product No. 353018

Lot No. 1952879

Date of Manufacture 09Dec2017

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## Restriction Enzyme Analysis

The supercoiled plasmid is qualified by restriction digest to confirm its identity. Restriction digests must demonstrate the correct banding pattern when electrophoresed on an agarose gel. The table below lists the restriction enzymes and the expected fragments.

<u>Restriction Enzyme</u>	<u>Expected Fragments (bp)</u>
<i>Kpn</i> I	5438, 347
<i>Xba</i> I	5785 (linearized)

## Purity

To ensure purity, the absorbance at 260 nm ( $A_{260}$ ) and the absorbance at 280 nm ( $A_{280}$ ) of the vector preparations are measured by spectrophotometry. The  $A_{260}/A_{280}$  ratio must be between 1.8 – 2.0.

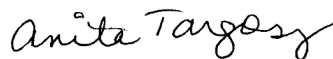
## Results

Meets all specifications

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For Research Use Only. Not for use in diagnostic procedures. If you have any further questions about this Certificate of Analysis, please contact Technical Services at 1-800-955-6288 (US and Canada) or 1-760-603-7200, x2 (all other countries).

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