

pART Companion Vector for Gene Expression in *Mycobacterium tuberculosis* and *Escherichia coli***Catalog No. NR-13410**

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Product Description: pART is a companion vector that can be used in either *Escherichia coli* or *Mycobacterium tuberculosis*. The pART vector contains origins of replication for both organisms, Mycobacteriophage L5 integrase CDS and *attP* site, a *Mycobacterium smegmatis* acetamidase promoter region and the *Streptomyces coelicolor* tetracycline repressor CDS.

Lot: 59310230**Manufacturing Date: 16JUN2010**

QC testing was performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH). The Colorado State University documentation is attached.

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Recombinant Plasmid Quality Control Record

Plasmid designation pART

BEI Product Item Number NR-13410

BEI Lot Number 59310230

CSU Lot Number 10.pART.6.16

Notebook/Pgs Noebook #5/Page 23 (NKG)

Notebook detail _____

Media used LB

Culture size 250 mL

Growth conditions: Temp 37 Time 18 hrs Shaker speed 200

Plasmid prep type (mini/maxi, kit name or protocol) Qiagen HiSpeed Plasmid Midi Kit (Cat. No. 12643)

Plasmid prep detail: Midi prep Qia100 tip and elution conditions

Strain used to produce plasmid TOP10

E. coli ori? Y/N Y

Contains Mycobacterial ori? Y/N Y

Final concentration 158.97 ng/μL

Total Stocks 119

Buffer TE

Method used for quantifying nanodrop

QC gel – N/A

Restriction enzymes used in QC analysis N/A

Expected size of restriction fragments

Vector N/A

Insert N/A

Other N/A

Gel description file number, % agarose, buffer N/A

Molecular weight markers N/A

Generated by Nicholas May Date 8/19/10

Supervisor me Kess Date 8/20/10

Form 4.2.09.KMD