

Ag85B (Gene Rv1886c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14857**

This reagent is the tangible property of the U.S. Government.

Product Description: NR-14857 is a preparation of Antigen 85B protein (Ag85B) derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70004488**Manufacturing Date: 28MAR2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.3.28.Ag85B is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14857
Product Description: Ag85B (Rv1886c)
CSU Lot Number: 17.Rv.2.3.28.Ag85B
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: CFP: 13.Rv.2.12.31.4.CFP (229.18 mg), 14.Rv.2.2.25.8.CFP (313.7 mg), 13.Rv.2.9.10.4.CFP (144 mg), 14.Rv.2.1.14.5.CFP (216.125 mg)

Starting material (select one):

CFP: Filter Sterilized Yes
 Cells: Irradiated N/A
Viability Test Performed: N/A

Protocol used (SOP #'s): PP021.6

Date started: 1/24/2017

Date completed: 3/28/2017

Notebook: page(s): Megan Lucas, BEI Production #3, pg 46-67

Additional notes (if applicable): _____

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 1.556 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #3; pg 66

Total Protein: 4.202 mg

Silver Stain Date: 3/27/2017 Notebook and page(s): MCL, BEI Production #3; pg 67

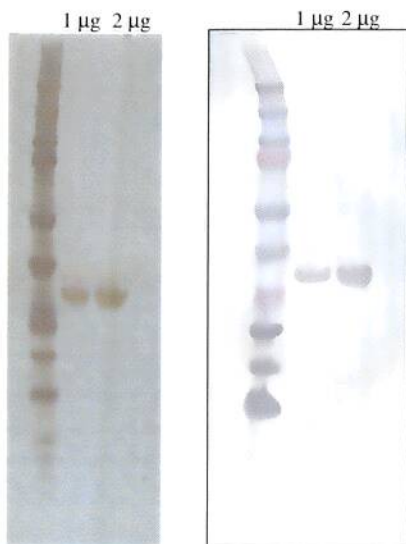
Western blot Date: 3/28/2017 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #3; pg 67

Mass Spectrometry information/file (if applicable): Fractions and final product analyzed by MALDI for purity.

Final product MALDI data: MCL, BEI Production Notebook #3, pg 67

QC Gel and Blot:



Aliquot Information:

16 x 250 μg

1 x 202 μg

Megan Lucas
(Research Associate)

3-29-17
(date)

C. Hehagy
(Laboratory Supervisor)

3/29/17
(date)