

**Ag85C (Gene Rv0129c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**

**Catalog No. NR-14858**

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

**Product Description:** NR-14858 is a preparation of Antigen 85C protein (Ag85C) derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

**Lot: 2042**

**Manufacturing Date: 25OCT2016**

---

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 16.Rv.2.10.25.Ag85c 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-14858  
Product Description: Ag85C (Rv0129c)  
CSU Lot Number: 16.Rv.2.10.25.Ag85C  
Species: *M. tuberculosis*  
Strain: H37Rv

### Purification Information

Starting material: CFP: 14.Rv.2.7.8.6.CFP.iho, 14.Rv.2.7.22.7.CFP, 14.Rv.2.9.23.5.CFP (976.8 mg total)

Starting material (select one):

CFP: Filter Sterilized  Yes

Cells: Irradiated  N/A

Viability Test Performed:  N/A

Protocol used (SOP #'s): PP021.5

Date started: 8 / 8 / 2016

Date completed: 10 / 25 / 2016

Notebook; page(s): Megan Lucas, BEI Production #3, pg 4-12

Additional notes (if applicable): 60mL phenyl sepharose column was used.

### Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 1.305  $\mu\text{g}/\mu\text{l}$  Notebook and page(s): MCL, BEI Production #3; pg 20

Total Protein: 4.4 mg

Silver Stain Date: 10 / 25 / 2016 Notebook and page(s): MCL, BEI Production #2; pg 11

Western blot Date: 10 / 25 / 2016 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #2; pg 11

Mass Spectrometry information/file (if applicable): Fractions analyzed by MALDI for purity. **Additional MRM-MS analysis of final product indicates 87% purity (contaminant protein Rv3804c, Ag85A)**

### QC Gel and Blot:



### Aliquot Information:

17 x 250  $\mu\text{g}$

1 x 150  $\mu\text{g}$

Megan Lucas  
(Research Associate)

12-1-16  
(date)

C. Schaffner  
(Laboratory Supervisor)

12-1-16  
(date)