

**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: 63648718****Manufacturing Date: 29OCT2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 15.Rv.2.10.29.Ag85C is attached.

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# WORK SHEET FOR PURIFIED NATIVE PROTEINS

## General Information

BEI Catalog Number: NR-14858  
Product Description: Ag85C (Rv0129c)  
CSU Lot Number: 15.Rv.2.10.29.Ag85C  
Species: M. tuberculosis  
Strain: H37Rv

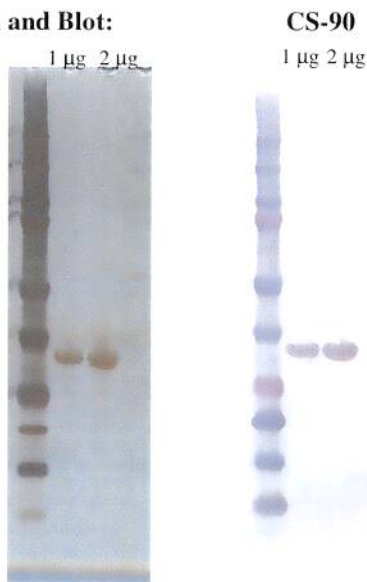
## Purification Information

Starting material: ConA flow through of 40% ammonium sulfate cut (200mg)  
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: 10 / 20 / 2015  
Date completed: 10 / 29 / 2015  
Notebook; page(s): Megan Lucas, BEI Production #2, Starting material: pg. 61-65, Purification: pg. 81-85  
Additional notes (if applicable): Phenyl sepharose binding buffer was changed to pH 6.8 and a larger 60mL column was used.

## Quality Control Information

Clarity of product/suspension after dialysis: clear  
BCA: 1.718  $\mu\text{g}/\mu\text{l}$  Notebook and page(s): MCL, BEI Production #2; pg 84  
Total Protein: 5.6117 mg  
Silver Stain Date: 10 / 28 / 2015 Notebook and page(s): MCL, BEI Production #2; pg 85  
Western blot Date: 10 / 28 / 2015 Antibody used: CS-90  
Notebook and page(s): MCL, BEI Production #2; pg 85  
Mass Spectrometry information/file (if applicable): fractions analyzed by MALDI for purity

## QC Gel and Blot:



## Aliquot Information:

22 x 250  $\mu\text{g}$   
1 x 111.7  $\mu\text{g}$

Megan Lucas  
(Research Associate)

10-29-15  
(date)

C. McHapp  
(Laboratory Supervisor)

10-29-15  
(date)