

**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: 62795346****Manufacturing Date: 13JAN2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 15.Rv.2.1.14.Ag85B is attached.

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## WORK SHEET FOR PURIFIED NATIVE PROTEINS

### General Information

BEI Catalog Number: NR-14857  
Product Description: Antigen 85 B (Ag85B, Rv1886c)  
CSU Lot Number: 15.Rv.2.1.14.Ag85B  
Species: M. tuberculosis  
Strain: H37Rv

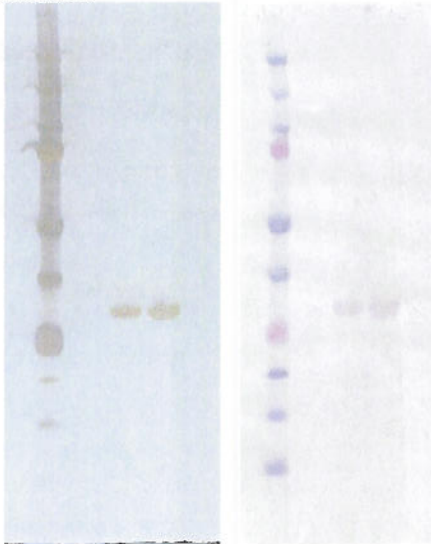
### Purification Information

Starting material: 40% Cut CFP (216 mg)  
Protocol used (SOP #'s): PP021.5  
Date started: 10/27/2014  
Date completed: 1/13/2015  
Notebook; page(s): Starting Material: Megan Lucas, BEI Production; pg 78-79, Purification: pg. 89-106  
Additional notes (if applicable): Ag85B bound poorly to the phenyl sepharose column due to pH drift of the binding buffer. Flow through was passed back over the column using optimized buffer at a lower pH.

### Quality Control Information

Clarity of product/suspension after dialysis: clear  
BCA: 3.804  $\mu\text{g}/\mu\text{l}$  Notebook and page(s): MCL, BEI Production; pg 104  
Total Protein: 6.25 mg  
Silver Stain Date: 1/12/2015 Notebook and page(s): MCL, BEI Production; pg 106  
Western blot Date: 1/13/2015 Antibody used: CS-90  
Notebook and page(s): MCL, BEI Production; pg 106  
Mass Spectrometry information/file (if applicable): \_\_\_\_\_

### QC Gel and Blot:



### Aliquot Information:

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

Megan Lucas  
(Research Associate)

1-14-15  
(date)

[Signature]  
(Laboratory Supervisor)

1/15/15  
(date)