

**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 (Ag85B) protein derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

**Lot: 70026911****Manufacturing Date: 23AUG2019**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 19.Rv.2.8.23.Ag85B is attached.

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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: 19.Rv.2.8.23.Ag85B  
Species: M. tuberculosis  
Strain: H37Rv

**Purification Information**

Starting material: CFP: 17.Rv.2.4.5.10.CFP (62.7mg), 17.Rv.2.2.15.11.CFP (64.75mg) 17.Rv.2.3.22.9.CFP (267.25mg), 17.Rv.2.4.19.11.CFP (66.7mg), 17.Rv.2.1.4.8.CFP (200.739mg), 17.Rv.2.9.6.11.CFP (105.48mg), 17.Rv.2.10.18.10.CFP (154.6mg) - 922.219mg total

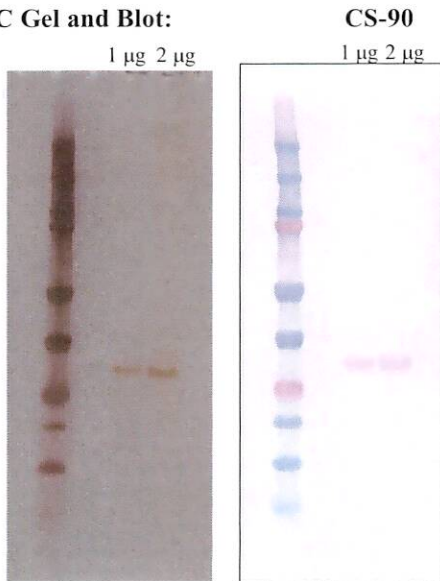
Starting material (select one):  
 CFP: Filter Sterilized Yes  
 Cells: Irradiated N/A  
Viability Test Performed: N/A

Protocol used (SOP #'s): PP021.6  
Date started: 06 / 18 / 2019  
Date completed: 8 / 23 / 2019  
Notebook; page(s): Megan Lucas, BEI Production #4, Starting Material: pg 76-77, Purification: 79-89

**Quality Control Information**

Clarity of product/suspension after dialysis: clear  
BCA: 9.022  $\mu\text{g}/\mu\text{l}$  Notebook and page(s): MCL, BEI Production #4; pg 86  
Total Protein: 23.75 mg  
Silver Stain Date: 8 / 20 / 2019 Notebook and page(s): MCL, BEI Production #4; pg 88  
Western blot Date: 8 / 20 / 2019 Antibody used: CS-90  
Notebook and page(s): MCL, BEI Production #4; pg 88  
Mass Spectrometry information/file (if applicable): Fractions and final product analyzed by MALDI for purity.  
Final product MALDI data: MCL, BEI Production Notebook #4, pg 89

**QC Gel and Blot:**



**Aliquot Information:**

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

M. Lucas  
(Research Associate)

8-23-19  
(date)

C. McHaffey  
(Laboratory Supervisor)

8/23/19  
(date)