

**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: 70034342****Manufacturing Date: 27MAR2020**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 20.Rv.2.3.27.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: 20.Rv.2.3.27.Ag85C  
Species: M. tuberculosis  
Strain: H37Rv

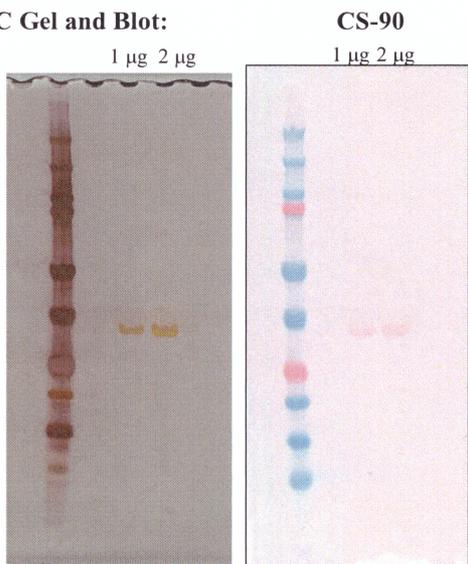
**Purification Information**

Starting material: Ag85A/Mix Pools  
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: 03 / 17 / 2020  
Date completed: 03 / 27 / 2020  
Notebook; page(s): Starting Material: Megan Lucas, BEI Production Notebook #3 pg 15 and BEI Production Notebook #4 pg 79-85; Purification: Megan Lucas, BEI Production Notebook #4, pg 98-101  
Additional Notes: HPLC gradient extended to optimize separation of Ag85A from Ag85C

**Quality Control Information**

Clarity of product/suspension after dialysis: clear  
BCA: 0.641  $\mu\text{g}/\mu\text{l}$  Notebook and page(s): MCL, BEI Production #4; pg 100  
Total Protein: 2.115 mg  
Silver Stain Date: 03 / 25 / 2020 Notebook and page(s): MCL, BEI Production #4; pg 101  
Western blot Date: 03 / 25 / 2020 Antibody used: CS-90  
Notebook and page(s): MCL, BEI Production #4; pg 101  
Mass Spectrometry information/file (if applicable): Fractions analyzed by Orbitrap for purity. Data: MCL, BEI Production Notebook #4, pg 99

**QC Gel and Blot:**



**Aliquot Information:**

8 x 250  $\mu\text{g}$   
1 x 115  $\mu\text{g}$

M. Lucas  
(Research Associate)

3-27-20  
(date)

K. Anderson  
(Laboratory Supervisor)

3/27/2020  
(date)