

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: 70001800

Manufacturing Date: 22MAR2017

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.3.16.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: 17.Rv.2.3.16.Ag85C
Species: *M. tuberculosis*
Strain: H37Rv

Purification Information

Starting material: CFP: 13.Rv.2.12.31.4.CFP (229.18 mg), 14.Rv.2.2.25.8.CFP (313.7 mg), 13.Rv.2.9.10.4.CFP (144 mg), 14.Rv.2.1.14.5.CFP (216.125 mg)

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: 1 / 24 / 2017

Date completed: 3 / 22 / 2017

Notebook: page(s): Megan Lucas, BEI Production #3, pg 46-62

Additional notes (if applicable): _____

Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 0.895 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #3; pg 58

Total Protein: 3.59 mg

Silver Stain Date: 3 / 15 / 2017 Notebook and page(s): MCL, BEI Production #3; pg 58

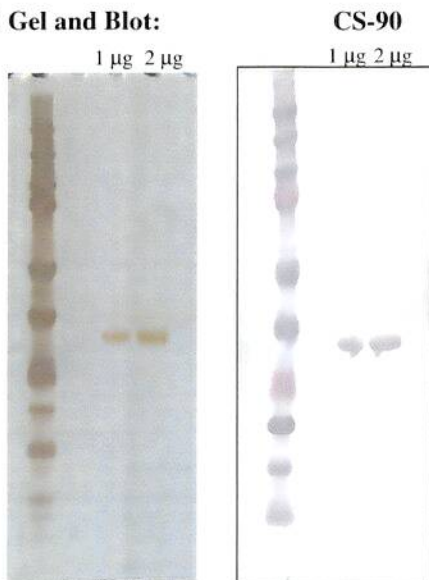
Western blot Date: 3 / 15 / 2017 Antibody used: CS-90

Notebook and page(s): MCL, BEI Production #3; pg 58

Mass Spectrometry information/file (if applicable): Fractions and final product analyzed by MALDI for purity.

Final product MALDI data: MCL, BEI Production Notebook #3, pg 62

QC Gel and Blot:



Aliquot Information:

14 x 250 μg

1 x 90 μg

Megan Lucas
(Research Associate)

3-22-17
(date)

C. Schapp
(Laboratory Supervisor)

3-22-17
(date)