

**Ag85B (Gene Rv1886c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv****Catalog No. NR-53526**

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**Product Description:**

NR-53526 is a preparation of Antigen 85B (Ag85B) protein derived from the culture filtrate proteins of *Mycobacterium tuberculosis*, strain H37Rv.

**Lot: 70037239****Manufacturing Date: 19MAR2021**

Production and QC testing were performed by Colorado State University (CSU). Retesting was performed by CSU in May 2023 to confirm product stability. The updated CSU documentation for lot 21.Rv.2.26.Ag85B is attached.

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## WORK SHEET FOR PURIFIED NATIVE PROTEINS

### General Information

BEI Catalog Number: NR-53526  
Product Description: Ag85B (Rv1886c)  
CSU Lot Number: 21. Rv.2.26. Ag85B  
Species: *Mycobacterium tuberculosis*  
Strain: H37Rv

### Purification Information

Starting material: 17.Rv.2.11.1.11.CFP.17.Rv.2.2.1.10.CFP.17.Rv.2.1.18.9.CFP.18.Rv.2.8.22.10.CFP.18.Rv.2.1.17.8.CFP

Starting material (select one):

CFP: Filter Sterilized: Yes

Cells: Irradiated: N/A

Viability Test Performed: No Viable Organism Detected

Protocol used (SOP #'s): PP021.6

Date started: 8/31/20 Date completed: 3/19/21

Notebook; pages Native Proteins BEI KE #1 pgs 1-10, 12, 64-67, 69, 72-76, 78-81, 85, 88-89, 91, 93-94

Additional notes (if applicable): Product was requalified between 5/16/23 and 5/13/23 by Megan Stookey. Updated quality control information is recorded below and can be found in notebook: Megan Stookey #3 pgs 11-13

### Quality Control Information

BCA: 6.747mg/ml

Notebook and page(s): Megan Stookey #3 pg 12

Total Protein: 17.42mg

Silver stain date: 5/16/23

Notebook and page(s): Megan Stookey #3 pgs 12-13

Western blot date: 5/16/23

Notebook and page(s): Megan Stookey #3 pgs 12-13

Antibody used: CS-90 anti-Ag85 (1:10)

Mass Spectrometry information/file (if applicable): N/A

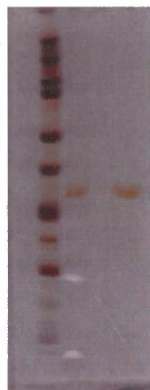
### QC Gel and Blot:

Silver Stain

Western Blot

2 $\mu$ g 5 $\mu$ g

2 $\mu$ g 5 $\mu$ g



### Aliquot Information:

\*Aliquot information reflects aliquots made at the time of QC. Bulk aliquots will be broken down as needed

46 x 0.1mg aliquots for BEI

1 x 12.82mg in bulk

Megan Stookey  
Research Associate  
5/26/23  
Date

PA Staudermann  
Laboratory Supervisor  
5/26/23  
Date