

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

This reagent is the tangible property of the U.S. Government.

Product Description:

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

Lot: 70066530**Manufacturing Date: 01MAR2024**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 24.Rv.3.1.Ag85B is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-53526 batch 70066530
Product Description: Ag85B (Rv1886c)
CSU Lot Number: 24.Rv.3.1.Ag85B
Species: Mycobacterium tuberculosis
Strain: H37Rv

Purification Information

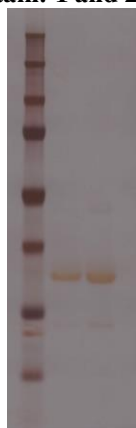
Starting material: Ag85A,B,C starting material, 81.4mg of 40% ammonium sulfate cut, (22.Rv.2.7.27.11.CFP, 22.Rv.2.9.21.8.CFP, 22.Rv.2.10.5.9.CFP)
Starting material (select one):
 CFP: Filter Sterilized Yes
 Cells: Irradiated N/A
Viability Test Performed: No Viable Organisms Detected
Protocol used (SOP #'s): PP021.6
Date started: 1.25.24
Date completed: 3.1.24
Notebook; page(s): Kieran Broder BEI#3 pgs 56-58, KB BEI#3 pgs 63-68
Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: Clear
BCA: 0.690 µg /µl Notebook and page(s): KB BEI#3 pg 66
Total Protein: 3.45 mg
Silver Stain Date: 3.1.24 Notebook and page(s): KB BEI#3 pg 68
Western blot Date: 3.1.24 Antibody used: CS-90
Notebook and page(s): KB BEI#3 pg 68
Mass Spectrometry information/file (if applicable): N/A

QC Gel:

Silver Stain: 1 and 2µg protein load



Western (CS-90): 1 and 2µg



Aliquot Information:

34 x 0.1 mg aliquots, 28 to BEI, 6 in inventory
1 x .05 mg aliquot in inventory
Aliquot information indicates aliquots made at the time of QC. Bulk vials will be broken down as needed.

Kieran Broder 3/4/24
(Research Associate) (date)

Pat Staudenmaier 3/5/2024
(Laboratory Supervisor) (date)