

PstS1 (Gene Rv0934, Non-Acylated), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14859**

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

Product Description: NR-14859 is a preparation of native protein, PstS1 (Gene Rv0937, non-acylated), purified from the culture filtrate of *Mycobacterium tuberculosis*, strain H37Rv. PstS1 was precipitated by ammonium sulfate, applied to ConA and phenyl sepharose columns, and eluted using a gradient of decreasing ammonium sulfate. Fractions containing PstS1 were pooled and dialyzed.

Note: The cell wall-associated and culture filtrate forms of PstS1 seem to differ in their hydrophobic characteristics, however a chemical difference between the two forms has not been determined.

Lot: 70000498**Manufacturing Date: 26JAN2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.1.26.38kDa is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

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-14859
Product Description: 38kDa Protein (PhoS1, Rv0934)
CSU Lot Number: 17.Rv.2.1.26.38kDa
Species: *M. tuberculosis*
Strain: H37Rv

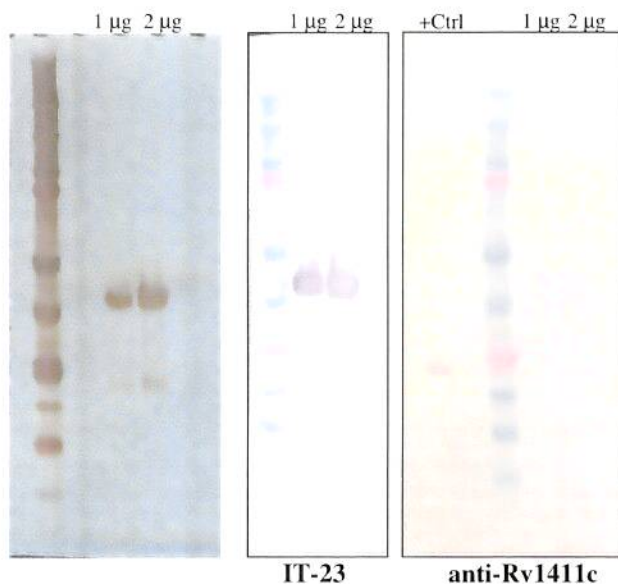
Purification Information

Starting material: 70% Ammonium Sulfate cut of CFP: 173.9 mg
Starting material (select one):
 CFP: Filter Sterilized Yes
 Cells: Irradiated N/A
Viability Test Performed: N/A
Protocol used (SOP #'s): PP024.7
Date started: 1 / 10 / 2017
Date completed: 1 / 26 / 2017
Notebook; page(s): Megan Lucas, BEI Production Notebook #3, Starting Material: pg 26-27, Purification: pg 38-45
Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: clear
BCA: 1.027 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #3; pg 44
Total Protein: 3.95 mg
Silver Stain Date: 1 / 25 / 2017 Notebook and page(s): MCL, BEI Production #2; pg 45
Western blot Date: 1 / 25 / 2017 Antibody used: IT-23 and α -Rv1411c mouse monoclonal
Notebook and page(s): MCL, BEI Production #2; pg 45
Note: α -Rv1411c western blot repeated 1 / 26 / 2017
Mass Spectrometry information/file (if applicable): N/A

QC Gel and Blot:



Aliquot Information:

15 x 250 μg
1 x 200 μg

Megan Lucas
(Research Associate)

1-30-17
(date)

C. McHaffey
(Laboratory Supervisor)

1-30-17
(date)