

**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 Rv0934, non-acylated), purified from the culture filtrate of *Mycobacterium tuberculosis*, strain H37Rv.

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: 70023525****Manufacturing Date: 24APR2019**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 19.Rv.2.4.24.38kDa is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected 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: 19.Rv.2.4.24.38kDa  
Species: *M. tuberculosis*  
Strain: H37Rv

### Purification Information

Starting material: CFP lots: 14.Rv.2.10.11.7.CFP, 14.Rv.2.9.9.4.CFP, 13.Rv.2.10.8.6.CFP, 13.Rv.2.9.24.5.CFP  
(709.8 mg total)

Starting material (select one):

CFP: Filter Sterilized Yes

Cells: Irradiated N/A

Viability Test Performed: N/A

Protocol used (SOP #'s): PP024.8

Date started: 4 / 3 / 2019

Date completed: 4 / 24 / 2019

Notebook; page(s): Starting Material: Megan Lucas, BEI Production Notebook #3, pg 81-82

Purification: Megan Lucas, BEI Production Notebook #4, pg 70-75

Additional notes (if applicable): N/A

### Quality Control Information

Clarity of product/suspension after dialysis: clear

BCA: 1.266  $\mu\text{g}/\mu\text{l}$

Notebook and page(s): MCL, BEI Production #4; pg 74

Total Protein: 3.427 mg

Silver Stain Date: 4 / 23 / 2019

Notebook and page(s): MCL, BEI Production #4; pg 75

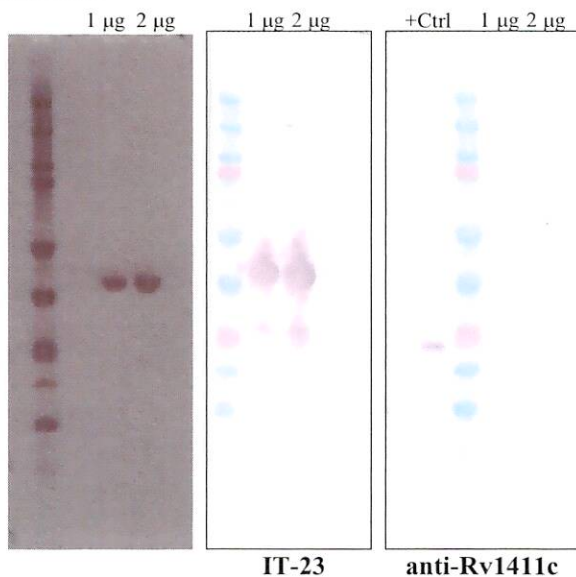
Western blot Date: 4 / 24 / 2019

Antibody used: IT-23 and anti-Rv1411c mouse monoclonal

Notebook and page(s): MCL, BEI Production #4; pg 75

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

### QC Gel and Blot:



### Aliquot Information:

13 x 250  $\mu\text{g}$

1 x 177  $\mu\text{g}$

Megan Lucas  
(Research Associate)

4-25-19  
(date)

C. McHaffey  
(Laboratory Supervisor)

4-25-19  
(date)