

**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: 63050382****Manufacturing Date: 26MAR2015**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 15.Rv.2.3.26.38kDa is attached.

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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: 15.Rv.2.3.26.38kDa  
Species: M. tuberculosis  
Strain: H37Rv

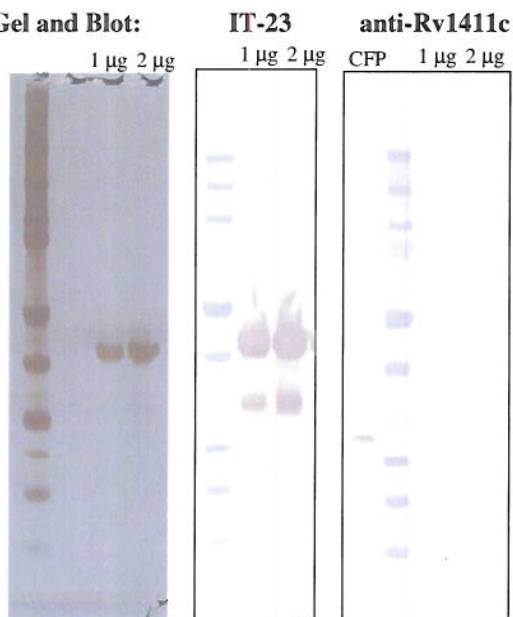
### Purification Information

Starting material: 70% Cut CFP (250 mg)  
Protocol used (SOP #'s): PP024.7  
Date started: 2/20/2015  
Date completed: 3/26/2015  
Notebook; page(s): Starting Material: Megan Lucas, BEI Production; pg 35-36, Purification: BEI Production #2 pg. 21-29  
Additional notes (if applicable): \_\_\_\_\_

### Quality Control Information

Clarity of product/suspension after dialysis: clear  
BCA: 0.72  $\mu\text{g}/\mu\text{l}$  Notebook and page(s): MCL, BEI Production #2; pg 29  
Total Protein: 2.615mg  
Silver Stain Date: 3/25/2015 Notebook and page(s): MCL, BEI Production #2; pg 29  
Western blot Date: 3/25/2015 Antibody used: IT-23 (+) and anti-Rv1411c (-)  
Notebook and page(s): MCL, BEI Production #2; pg 29  
Mass Spectrometry information/file (if applicable): \_\_\_\_\_

### QC Gel and Blot:



### Aliquot Information:

10 x 250  $\mu\text{g}$   
1 x 115  $\mu\text{g}$

Megan Lucas  
(Research Associate)

3-26-15  
(date)

[Signature]  
(Laboratory Supervisor)

3/29/2015  
(date)