

PstS1 (Gene Rv0934, Non-Acylated), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv

Catalog No. NR-14859

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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. 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: 70005725

Manufacturing Date: 30MAY2017

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.Rv.2.5.30.38kDa is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14859
Product Description: 38kDa Protein (PhoS1, Rv0934)
CSU Lot Number: 17.Rv.2.5.30.38kDa
Species: Mycobacterium tuberculosis
Strain: H37Rv

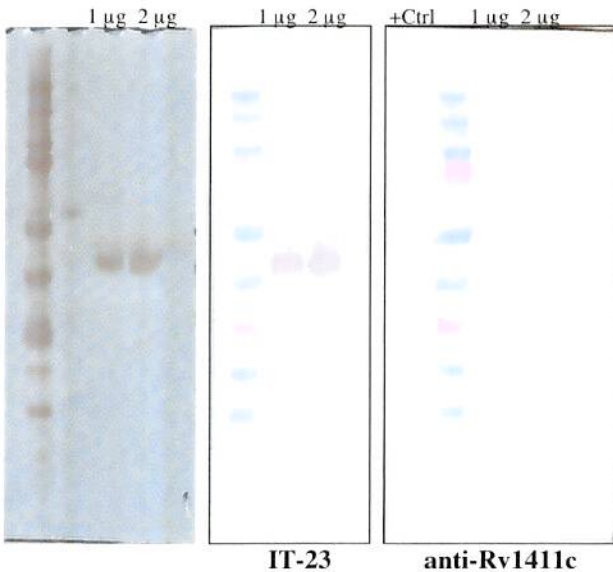
Purification Information

Starting material: Supernatant from 40% ammonium sulfate cut
Starting material (select one):
[X] CFP: Filter Sterilized Yes
[] Cells: Irradiated N/A
Viability Test Performed: N/A
Protocol used (SOP #'s): PP024.8
Date started: 05/08/17
Date completed: 05/30/17
Notebook; page(s): Starting material: Megan Lucas, BEI Production Notebook #3, pg 46; Purification: BEI Production Notebook #3, pg 68-75
Additional notes (if applicable): 30,000 MWCO amicon ultra used to help remove low molecular weight proteins

Quality Control Information

Clarity of product/suspension after dialysis: Clear
BCA: 0.784 ug/ul Notebook and page(s): MCL BEI Production #3, pg 75
Total Protein: 2.89 mg
Silver Stain Date: 05/30/17 Notebook and page(s): MCL BEI Production #3, pg 75
Western blot Date: 05/30/17 Antibody used: IT-23 and anti-Rv1411c mouse monoclonals
Notebook and page(s): MCL BEI Production #3, pg 75
Mass Spectrometry information/file (if applicable): N/A

QC Gel:



Aliquot Information:

11 x 0.25 mg
1 x 0.14 mg

Signature of M. Lucas, date 5-31-17, Research Associate

Signature of C. Lehmann, date 6-1-17, Laboratory Supervisor