

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 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: 61699476**Manufacturing Date: 21AUG2013**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 13.Rv.2.8.21.38kDa is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

Lot Number: 13.Rv.2.8.21.38kDa
Product: 38kDa
Species: Mycobacterium tuberculosis
Strain: H37Rv

Purification Information

Starting material: CFP lot # 13.Rv.2.1.15.4.CFP, 13.Rv.2.1.22.4.CFP, & 13.Rv.2.12.29.5.CFP
Protocol used (SOP #'s): PP024.5
Date started: 07/01/13
Date completed: 08/21/13
Notebook; page(s): Rachel Hazenfield Protein #2 pp. 10-11, 15-18, 24-34, & 41-43
Additional notes (if applicable):

Quality Control Information

Clarity of product/suspension after dialysis: clear
BCA: .412 mg/ml Notebook and page(s): Rachel Hazenfield Protein #2 pg. 42
Total volume: 3.33 ml Total amount of Protein: 1.37 mg
Silver Stain Date: 08/16/13 Notebook and page(s): Rachel Hazenfield Protein #2 pg. 42
Western blot Date: 08/21/13 Antibody used: anti-38 and anti-1411c
Notebook and page(s): Rachel Hazenfield Protein #2 pg.43
Mass Spectrometry information/file (if applicable):

QC Gel and Blot:

Silver Stain,
2ug



Anti-38kDa, 2 ug



Anti-1411c, 2ug



Aliquot Information:

5 x 250ug; 1 x 123.6ug

Rachel Hazenfield 8/21/13
(Research Associate) (date)

[Signature] 8/21/2013
(Laboratory Supervisor) (date)