

PstS1 (Gene Rv0934, Non-Acylated), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-53528**

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Product Description:

NR-53528 is a preparation of periplasmic phosphate-binding lipoprotein, PstS1 (Gene Rv0934, non-acylated; also referred to as PhoS1), purified from the culture filtrate of *Mycobacterium tuberculosis*, strain H37Rv.

Lot: 70037241**Manufacturing Date: 28NOV2020**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 20.Rv.11.24.A.38kDa is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-53528
Product Description: 38kDa Protein (PhoS1, Rv0934)
CSU Lot Number: 20.Rv.11.24.A.38kDa
Species: M. tuberculosis
Strain: H37Rv

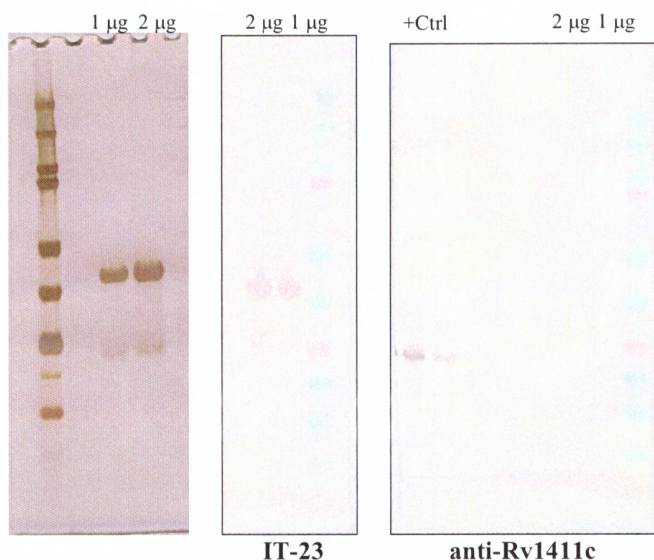
Purification Information

Starting material: CFP lots: 17.Rv.2.11.1.11.CFP, 17.Rv.2.2.1.10.CFP, 17.Rv.2.1.18.9.CFP, 18.Rv.2.8.22.10.CFP, 18.Rv.2.1.17.8.CFP (931.34 mg total)
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: 8 / 31 / 2020
Date completed: 11 / 28 / 2020
Notebook; page(s): Starting Material: Kala Early, Native Proteins BEI #1, pg 1-14
Purification: Kala Early, Native Proteins BEI #1, pg 22-54
Megan Lucas, BEI Production Notebook #5, pg 4-6
Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: clear
BCA: 0.408 µg/µl Notebook and page(s): MCL, BEI Production #5; pg 6
Total Protein: 1179.68 µg
Silver Stain Date: 11 / 23 / 2020 Notebook and page(s): MCL, BEI Production #5; pg 5
Western blot Date: 11 / 28 / 2020 Antibody used: IT-23 and anti-Rv1411c mouse monoclonal
Positive controls: 5 µg whole cell lysate & 5 µg CFP
Notebook and page(s): MCL, BEI Production #5; pg 7
Mass Spectrometry information/file (if applicable): N/A

QC Gel and Blot:



Aliquot Information:

11 x 100 µg, 1 x 79.68 µg

[Signature]
(Research Associate)

3-23-21
(date)

[Signature]
(Laboratory Supervisor)

3-24-21
(date)