

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: 70052333**Manufacturing Date: 25APR2022**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 22.Rv.2.23.38kDa.b is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-53528
Product Description: 38kDa (PhoS1, Rv0934)
CSU Lot Number: 22.Rv.2.23.38kDa.b
Species: Mycobacterium tuberculosis
Strain: H37Rv

Purification Information

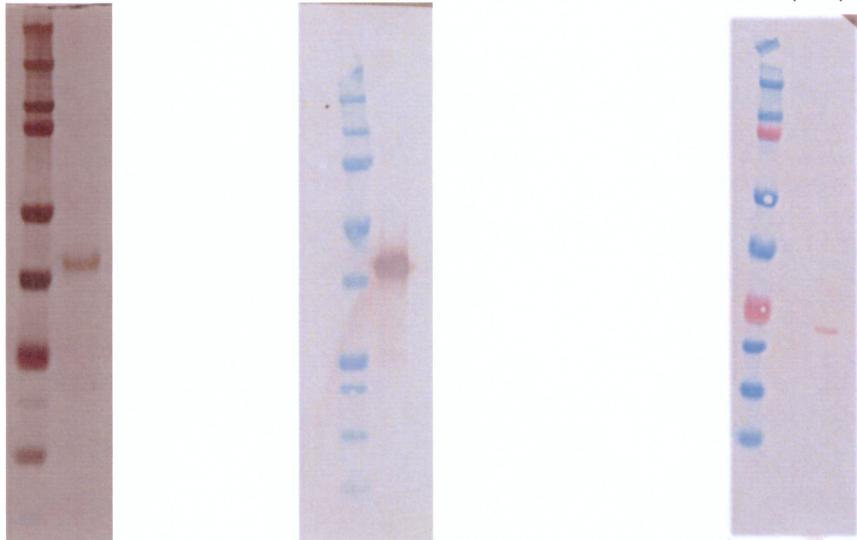
Starting material: 70% ammonium sulfate CFP cut
Starting material (select one):
 CFP: Filter Sterilized Yes
 Cells: Irradiated NA
Viability Test Performed: No Viable Organism Detected
Protocol used (SOP #'s): PP024.9
Date started: 2.23.22
Date completed: 4.25.22
Notebook; page(s): KB BEI#1 pgs 24-37, 46, 49-56
Additional notes (if applicable): Second batch made with repeat a phenyl-sepharose column using previous fractions from ConA column

Quality Control Information

Clarity of product/suspension after dialysis: Clear
BCA: 0.443 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): KB BEI#1 pg 54-55
Total Protein: 0.443 mg
Silver Stain Date: 4.25.22 Notebook and page(s): KB BEI#1 pg56
Western blot Date: 4.25.22 Antibody used: α IT-23 and α 1411c
Notebook and page(s): KB BEI#1 pg56
Mass Spectrometry information/file (if applicable): _____

QC Gel:

Silver Stain: Western: 2 μg protein, α IT-23 2 μg protein and α 1411c
38kDa CFP positive control



Aliquot Information: 4 x 0.1 mg aliquots

Samuel Nelson 4/26/22
(Research Associate) (date)

C. Schaffy 4-25-22
(Laboratory Supervisor) (date)