

GroES (Gene Rv3418c), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14861**

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Product Description: NR-14861 is a preparation of the GroES (Gene Rv3418c) purified native proteins from the culture filtrate of *Mycobacterium tuberculosis*, strain H37Rv. A supernatant from a 40% saturated ammonium sulfate precipitation of culture filtrate proteins were precipitated with 50% saturated ammonium sulfate. The fractions containing GroES homologue were pooled and lyophilized.

Lot: 70023524**Manufacturing Date: 02APR2019**

Production and QC testing were performed by Colorado State University. The Colorado State University documentation for lot 19.Rv.2.4.2.GroES is attached.

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WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14861
Product Description: GroES Protein (Rv3418c)
CSU Lot Number: 19.Rv.2.4.2.GroES
Species: *M. tuberculosis*
Strain: H37Rv

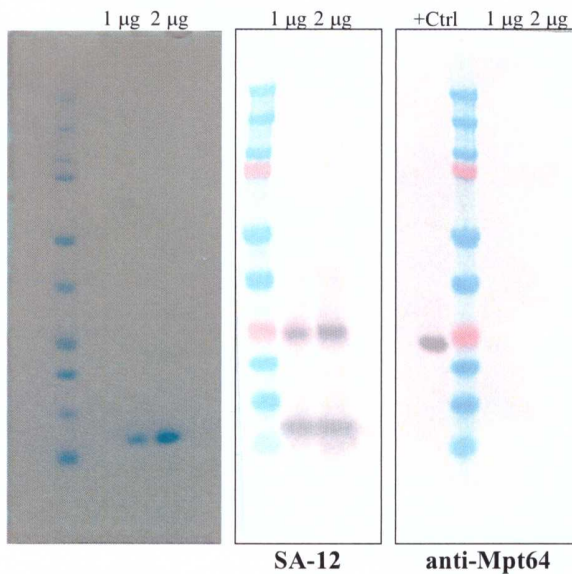
Purification Information

Starting material: CFP lots: 14.Rv.2.10.11.7.CFP, 14.Rv.2.9.9.4.CFP, 13.Rv.2.10.8.6.CFP, 13.Rv.2.9.24.5.CFP
(709.8mg total)
Starting material (select one):
 CFP: Filter Sterilized Yes
 Cells: Irradiated N/A
Viability Test Performed: N/A
Protocol used (SOP #'s): PP035.5
Date started: 3 / 25 / 2019
Date completed: 4 / 2 / 2019
Notebook; page(s): Starting Material: Megan Lucas, BEI Production Notebook #3, pg 46, 81-82
Purification: Megan Lucas, BEI Production Notebook #4, pg 66-69
Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: clear
BCA: 1.272 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): MCL, BEI Production #4; pg 68
Total Protein: 7.42 mg
Silver Stain Date: 4 / 1 / 2019 Notebook and page(s): MCL, BEI Production #4; pg 69
Western blot Date: 4 / 1 / 2019 Antibody used: SA-12 and anti-Mpt64 mouse monoclonal
Notebook and page(s): MCL, BEI Production #4; pg 69
Mass Spectrometry information/file (if applicable): N/A

QC Gel and Blot:



Aliquot Information:

14 x 500 μg
1 x 420 μg

Megan Lucas
(Research Associate)

4-2-19
(date)

C. J. Schaeffer
(Laboratory Supervisor)

4-3-19
(date)