

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 70% saturated ammonium sulfate. The pellet was suspended and dialyzed. The material that did not bind to the concanavalin A column was resolved by reversed phase HPLC and the fractions containing GroES homologue were pooled and lyophilized.

Lot: 70038004**Manufacturing Date: 20NOV2020**

Production and QC testing were performed by Colorado State University (CSU). The CSU production documentation for lot 20.Rv.11.18.A.GroES is attached.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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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: 20.Rv.11.18.A.GroES
Species: *Mycobacterium tuberculosis*
Strain: H37Rv

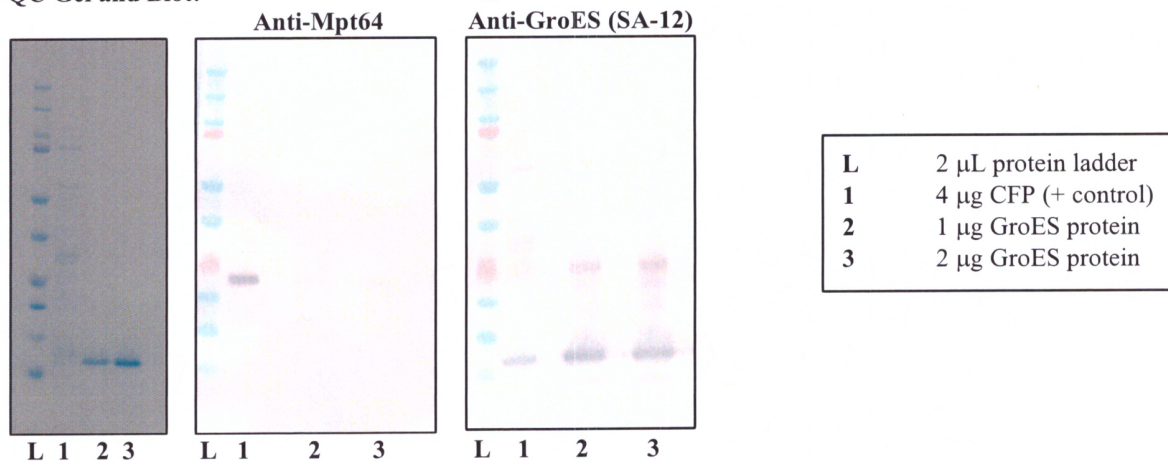
Purification Information

Starting material: 17.Rv.2.3.8.8.CFP, 17.Rv.2.7.26.8.CFP, 18.Rv.2.9.5.11.CFP, 18.Rv.2.6.13.11.CFP
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: 10/28/20
Date completed: 11/20/20
Notebook; page(s): Native Proteins BEI KE #1 pgs. 34-58
Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: clear, some aggregates seen whilst aliquoting
BCA: 1.220 $\mu\text{g}/\mu\text{l}$ Notebook and page(s): Native Proteins BEI KE #1 pgs. 54-55
Total Protein: 3.09394 mg
Simply blue stain Date: 11/19/20 Notebook and page(s): Native Proteins BEI KE #1 pgs. 56, 58
Western blot Date: 11/20/20 Antibody used: SA-12 (1:20) and anti-Mpt64 (1:2500) mouse monoclonal
Notebook and page(s): Native Proteins BEI KE #1 pgs. 57-58
Mass Spectrometry information/file (if applicable): N/A

QC Gel and Blot:



Aliquot Information:

6 x 500 μg
1 x 93.94 μg

Kala Zody 12/1/20
(Research Associate) (date)

C. McHaffey 12/1/20
(Laboratory Supervisor) (date)