

MPT32/Apa (Gene Rv1860), Purified Native Protein from *Mycobacterium tuberculosis*, Strain H37Rv**Catalog No. NR-14862**

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Product Description:

NR-14862 is a preparation of native MPT32/Apa (gene Rv1860) purified from sterile-filtered *Mycobacterium tuberculosis*, strain H37Rv culture filtrate protein fraction. The culture filtrate protein fraction was precipitated with 40% ammonium sulfate, applied to a ConA column, eluted, concentrated, dialyzed, applied to a phenyl sepharose column and eluted. The purified MPT32/Apa was dialyzed in 10 mM ammonium bicarbonate.

Lot: 70072668**Manufacturing Date: 16APR2025**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 25.Rv.4.16.Mpt32 is attached.

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You are authorized to use this product for research use only. It is not intended for human use.



WORK SHEET FOR PURIFIED NATIVE PROTEINS

General Information

BEI Catalog Number: NR-14862
BEI Lot Number: 70072668
Product Description: Mpt32 (Rv1860)
CSU Lot Number: 25.Rv.4.16.Mpt32
Species: Mycobacterium tuberculosis
Strain: H37Rv

Purification Information

Starting material: Mpt32 starting material, ~150mg of 40% ammonium sulfate cut, (23.Rv.2.11.28.10.CFP, 23.Rv.2.10.31.8.CFP, 20.Rv.2.1.21.8.CFP, 22.Rv.2.11.2.11.CFP, 22.Rv.2.6.29.9.CFP, 18.Rv.2.5.2.8.CFP, 21.Rv.2.8.10.11.CFP)

Starting material (select one):
[x] CFP: Filter Sterilized Yes
[] Cells: Irradiated N/A
Viability Test Performed: No Viable Organisms Detected
Protocol used (SOP #'s): PP022.6
Date started: 1.24.25
Date completed: 4.16.25
Notebook; page(s): Kieran Broder BEI#4 pgs 30-31, 35, 41
Additional notes (if applicable): N/A

Quality Control Information

Clarity of product/suspension after dialysis: Clear
BCA: 1.77 ug/ul Notebook and page(s): KB BEI#4 pg 41
Total Protein: 8.85 mg
Silver Stain Date: 4.16.25 Notebook and page(s): KB BEI#4 pg 41
Western blot Date: 4.16.25 Antibody used: CS-93
Notebook and page(s): KB BEI#4 pg 41
Mass Spectrometry information/file (if applicable): N/A

QC Gel:

Silver Stain: 2 and 1ug protein load



Western (CS-93): 2 and 1ug



Aliquot Information: 17 x 0.5 mg vials labeled for BEI

Aliquot information indicates aliquots made at the time of QC. Bulk vials will be broken down as needed.

Handwritten signature of Research Associate and date 7/1/25.

Handwritten signature of Laboratory Supervisor and date 7/1/2025.