

## Recombinant Mycobacterium Tuberculosis MPT64 Protein (24-228 aa), His-tagged

**Cat. No.** MPT64-1614M    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Mycobacterium Tuberculosis (strain CDC 1551/Oshkosh) MPT64 Protein (24-228 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length of Mature Protein. |
| <b>Species</b>          | Mycobacterium Tuberculosis                                                                                                                                                                                                                       |
| <b>Source</b>           | Yeast                                                                                                                                                                                                                                            |
| <b>ProteinLength</b>    | 24-228 aa                                                                                                                                                                                                                                        |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                                                                  |
| <b>Molecular Mass</b>   | 24.4 kDa                                                                                                                                                                                                                                         |
| <b>AA Sequence</b>      | APKTYCEELKGTDTGQACQIQMSDPAYNINISLPSYYPDQKSLENYIAQTRDKFLSAA<br>TSSTPREAPYELNITSATYQSAIPPRGTQAVVLKVYQNAGGTHPTTTYKAFDWDQAY<br>RKPIYDTLWQADTDPLPVVFPIVQGELSKQTGQQVSIAPNAGLDPVNYQNFAVTND<br>GVIFFFNPGELLPEAAGPTQVLVPRSAIDSMILA                        |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                                                                 |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                                                                     |

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**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

## GENE INFORMATION

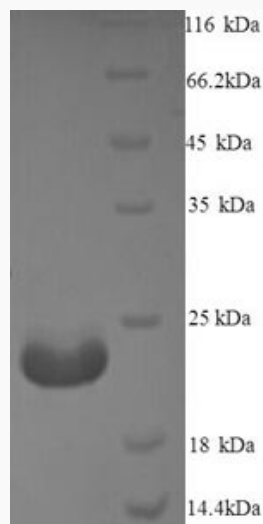
**Gene Name** mpt64 immunogenic protein Mpt64 [ Mycobacterium tuberculosis H37Rv ]

**Official Symbol** MPT64

**Synonyms** mpb64;

**Gene ID** 885925

**UniProt ID** P9WIN8



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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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