

Recombinant strain ATCC 25618 / H37Rv mpt64 Protein Product Manual

1. Product Basic Information

Product No.: REP07492

Protein Name: Immunogenic Protein Mpt64 (mpt64)

Aliases: immunogenic protein Mpt64

UniProt ID: P9WIN9

UniProt Link: <https://www.uniprot.org/uniprotkb/P9WIN9/entry>

Species Source: Mycobacterium tuberculosis (strain ATCC 25618 / H37Rv)

Expression System: Baculovirus

Protein Length: Full Length of Mature Protein (24-228aa)

Molecular Weight: 24.5 kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (24-228aa)

APKTYCEELKGTDTGQACQIQMSDPAYNINISLPSYYPDQKSLENYIAQTRDKFLSA
ATSSTPREAPYELNITSATYQSAIPPRGTQAVVLKVYQNAGGTHPTTTYKAFDWDQ
AYRKPITYDTLWQADTDPLPVVFPVIVQGELSKQTGQQVSIAPNAGLDPVNYQNFAVT
NDGVIFFFNPGELLPEAAGPTQVLVPRSAIDSMMLA

3. Storage Buffer

Liquid Delivery Form: Tris-based buffer with 50% glycerol.

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause



5. Product Description

This product is a recombinant strain ATCC 25618 / H37Rv mpt64 full length of mature protein protein (24-228aa) expressed in Baculovirus. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. mpt64, also known as immunogenic protein Mpt64, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.