



Recombinant strain CDC 1551 / Oshkosh MT2731 Protein Product Manual

1. Product Basic Information

Product No.: REP07518

Protein Name: Hypothetical Protein (MT2731)

Aliases: hypothetical protein

UniProt ID: P9WJ10

UniProt Link: <https://www.uniprot.org/uniprotkb/P9WJ10/entry>

Species Source: Mycobacterium tuberculosis (strain CDC 1551 / Oshkosh)

Expression System: Yeast

Protein Length: Full Length (1-81aa)

Molecular Weight: 9.7kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-81aa)

MSGHALAARTLLAAADELVGGPPVEASAAALAGDAAGAWRTAAVELARALVRAVA
ESHGVA AVLFAATAAAAAAVDRGDPP

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

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 CDC 1551 / Oshkosh MT2731 full length protein (1-81aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. MT2731, also known as hypothetical protein, 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.