



Recombinant strain CDC 1551 / Oshkosh esxA Protein Product Manual

1. Product Basic Information

Product No.: REP06804

Protein Name: Esat-6 Protein EsxA (esxA)

Aliases: ESAT-6 protein EsxA

UniProt ID: Q6GCJ0

UniProt Link: <https://www.uniprot.org/uniprotkb/Q6GCJ0/entry>

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

Expression System: Yeast

Protein Length: Partial (6-95aa)

Molecular Weight: 11.3kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (6-95aa)

WNFAGIEAAASAIQGNVTSIHSLLEDEGKQSLTKLAAAWGGSGSEAYQGVQQKWDA
TATELNNALQNLARTISEAGQAMASTEAGNVTGMFA

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 esxA partial protein (6-95aa) expressed in Yeast. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. esxA, also known as ESAT-6 protein EsxA, 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.