



Recombinant strain K12 EDA Protein Product Manual

1. Product Basic Information

Product No.: REP06744

Protein Name: X-Linked Anhidrotic Ectodermal Dysplasia Protein (EDA)

Aliases: ED1; HED; EDA1; EDA2; HED1; ODT1; XHED; ECTD1; XLHED; ED1-A1; ED1-A2; EDA-A1; EDA-A2; TNLG7C; STHAGX1; X-linked anhidrotic ectodermal dysplasia protein

UniProt ID: Q92838

UniProt Link: <https://www.uniprot.org/uniprotkb/Q92838/entry>

Species Source: Escherichia coli (strain K12)

Expression System: E.coli

Protein Length: Full Length (1-213aa)

Molecular Weight: 26.3 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (1-213aa)

MKNWK TSAESILTTGPVVPVIVVKKLEHAVPMAKALVAGGVRVLEVT LRTECAVDAI
RAIAKEVPEAIVGAGTVLNPQQQLAEVTEAGAQAISPGLTEPLLKAATEGTIPLIPGIST
VSELM LGMDYGLKEFKFFPAEANGGVKALQAIAGPFSQVRFCPTGGISPANYRDYL
ALKSVLCIGGSWLVPADALEAGDYDRITKLAREAVEGAKL

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant strain K12 EDA full length protein (1-213aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. EDA, also known as ED1 or HED or EDA1, 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.