



Recombinant Human CTAG1A Protein Product Manual

1. Product Basic Information

Product No.: REP06582

Protein Name: CTAG1A

Aliases: ESO1; CT6.LAGE-LAGE2A

UniProt ID: P78358

UniProt Link: <https://www.uniprot.org/uniprotkb/P78358/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-180aa)

Molecular Weight: 21.6kDa

Protein Tag: N-terminal 10xHis-tagged

2. Amino Acid Sequence (1-180aa)

MQAEGRGTTGGSTGDADGPGGPGIPDGPGGNAGGPGGEAGATGGRGPRGAGAAR
ASGPGGGAPRGPHGGAASGLNGCCRCGARGPESRLLEFYLAMPFATPMEELAR
RSLAQDAPPLPVPGVLLKEFTVSGNILTIRLTAADHRQLQLSISSCLQQLSLLMWITQ
CFLPVFLAQPPSGQRR

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 Human CTAG1A full length protein (1-180aa) expressed in E.coli. The protein is with 10xHis tag at the N-terminus, which facilitates protein purification, detection and identification. CTAG1A, also known as ESO1 or CT6.LAGE-LAGE2A, 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.