



Recombinant Human CD3E Protein Product Manual

1. Product Basic Information

Product No.: REP06380

Protein Name: Cd3E Molecule, Epsilon (Cd3-Tcr Complex) (CD3E)

Aliases: T3E; TCRE; IMD18; CD3epsilon; CD3-epsilon; CD3e molecule, epsilon (CD3-TCR complex); T-cell surface antigen T3/Leu-4 epsilon chain; T-cell surface glycoprotein CD3 epsilon chain; CD3 epsilon subunit o...

UniProt ID: P07766

UniProt Link: <https://www.uniprot.org/uniprotkb/P07766/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (23-207aa)

Molecular Weight: 47.7kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (23-207aa)

DGNEEMGGITQTPYKVSISGTTVILTCPQYPGSEILWQHNDKNIGGDEDDKNIGSDE
DHLSLKEFSELEQSGYYVCYPRGSKPEDANFYLYLRARVCENCMEMDVMSVATIVI
VDICITGGLLLL VYYWSKNRKAKAKPVTRGAGAGGRQRGQNKERPPVPNPDYEP
IRKGQRDLYSGLNQRR

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

5. Product Description

This product is a recombinant Human CD3E full length of mature protein protein (23-207aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. CD3E, also known as T3E or TCRE or IMD18, 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.