



Recombinant Human CETP Protein Product Manual

1. Product Basic Information

Product No.: REP06436

Protein Name: Cholesteryl Ester Transfer Protein Plasma (CETP)

Aliases: BPIFF; HDLCQ10; cholesteryl ester transfer protein plasma

UniProt ID: P11597

UniProt Link: <https://www.uniprot.org/uniprotkb/P11597/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length of Mature Protein (18-493aa)

Molecular Weight: 96.9 kDa

Protein Tag: N-terminal MBP-tagged and C-terminal 6xHis-tagged

2. Amino Acid Sequence (18-493aa)

CSKGTSHEAGIVCRITKPALLVLNHETAKVIQTAFQRASYPDITGEKAMMLLGQVKY
GLHNIQISHLSIASSQVELVEAKSIDVSIQNVSVVFKGTLKYGYTTAWWLIGIDQSIDFE
IDSAIDLQINTQLTCDSGRVRTDAPDCYLSFHKLLHLQGEREPGWIKQLFTNFISFTL
KLVLKGGQICKEINVISNIMADVFVQTRAASILSDGDIGVDISLTGDPVITASYLESHHKGH
FIYKNVSEDLPLPTFSPTLLGDSRMLYFWFSERVFHSLAKVAFQDGRMLSLMGDE
FKAVLETWGFNTNQEIFQEVVGGFPSQAQVTVHCLKMPKISCQNKGVVVNSSVMV
KFLFPRPDQQHSVAYTFEEDIVTTVQASYSKKKLFLSLLDFQITPKTVSNLTSSSES
VQSFLQSMITAVGIPEVMSRLEVVF TALMNSKGVSLFDIINPEIITRDGFLLLQMDFGF
PEHLLVDFLQSLS

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 protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human CETP full length of mature protein protein (18-493aa) expressed in E.coli. The protein is dual-tagged with MBP tag at the N-terminus and 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CETP, also known as BPIFF or HDLCQ10 or cholesteryl ester transfer protein plasma, 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.