



Recombinant Human CEBPB Protein Product Manual

1. Product Basic Information

Product No.: REP06429

Protein Name: Nuclear Factor Nf-IL6 (CEBPB)

Aliases: TCF5; IL6DBP; NF-IL6; C/EBP-beta; nuclear factor NF-IL6; CCAAT enhancer binding protein beta; CCAAT/enhancer-binding protein beta; interleukin 6-dependent DNA-binding protein; CCAAT/enhancer binding p...

UniProt ID: P17676

UniProt Link: <https://www.uniprot.org/uniprotkb/P17676/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Full Length (1-345aa)

Molecular Weight: 43.0 kDa

Protein Tag: C-terminal 6xHis-tagged

2. Amino Acid Sequence (1-345aa)

MQRLVAWDPACLPLPPPPPAFKSMEVANFYFEADCLAAAYGGKAAPAAPPAARPG
PRPPAGELGSGDHERAIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSG
QHHDFLSDLFSDDYGGKNCKKPAEYGYVSLGRLGAAKGALHPGCFAPLHPPPPPP
PPPAELKAEPGFEPADCKRKEEAGAPGGGAGMAAGFPYALRAYLGYQAVPSGSS
GSLSTSSSSSPPGTPSPADAKAPPTACYAGAAPAPSQVKSKAKKTVDKHSDEYKIR
RERNNIIVRKS RDKAKMRNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFKQ
LPEPLLASSGHC

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 CEBPB full length protein (1-345aa) expressed in E.coli. The protein is with 6xHis tag at the C-terminus, which facilitates protein purification, detection and identification. CEBPB, also known as TCF5 or IL6DBP or NF-IL6, 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.