

PRODUCT DATA SHEET



Bioworld Technology, Inc.

CEBPA Recombinant Protein

Catalog: NCP0459

Host: E.coli

Tag: His-tag;Sumo-Tag

BackGround:

CCAAT/enhancer-binding proteins (C/EBPs) are a family of transcription factors that are critical for cellular differentiation, terminal function, and inflammatory response. Six members of the family have been characterized (C/EBP α , β , δ , γ , ϵ , and ζ) and are distributed in a variety of tissues. Translation from alternative start codons results in two isoforms of C/EBP α (p42 and p30), which are both strong transcriptional activators. It has been reported that insulin and insulin-like growth factor-I stimulate the dephosphorylation of C/EBP α , which may play a key role in insulin-induced repression of GLUT4 transcription. Phosphorylation of C/EBP α at Thr222, Thr226, and Ser230 by GSK-3 seems to be required for adipogenesis.

Product:

PBS, PH7.4

Molecular Weight:

~53kDa

Swiss-Prot:

P49715

Purification&Purity:

Transferred into competent cells and the supernatant was

purified by NI column affinity chromatography and the purity is > 85% (by SDS-PAGE).

Restriction Sites:

BamHI-XhoI

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Expression Vector:

pSmart-I

DATA:



Note:

For research use only, not for use in diagnostic procedure.

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