

Recombinant Human CEBPB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CEBPB-6222H Lot. No. (See product label)

SPECIFICATION

Product Overview	CEBPB MS Standard C13 and N15-labeled recombinant protein (NP_005185) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain. The encoded protein functions as a homodimer but can also form heterodimers with CCAAT/enhancer-binding proteins alpha, delta, and gamma. Activity of this protein is important in the regulation of genes involved in immune and inflammatory responses, among other processes. The use of alternative in-frame AUG start codons results in multiple protein isoforms, each with distinct biological functions.
Molecular Mass	35.9 kDa
AA Sequence	<p>MQRLVAWDPACLPLPPPPPAFKSMEVANFYEADCLAAAYGGKAAPAAPPAARPG PRPPAGELGSIGDHERAIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSG QHHDFLSDLFSDDYGGKNCKKPAEYGYVSLGRLGAAKGALHPGCFAPLHPPPPPP PPPAELKAEPGFEPADCKRKEEAGAPGGGAGMAAGFPYALRAYLGYQAVPSGSSG SLSTSSSSSPPGTPSPADAKAPPTACYAGAAPAPSQVKSKAKKTVDKHSDEYKIRRE RNNIAVRKSRDKAKMRNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFKQLPE</p>

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PLASSGHCTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CEBPB CCAAT enhancer binding protein beta [Homo sapiens (human)]

Official Symbol CEBPB

Synonyms CEBPB; CCAAT/enhancer binding protein (C/EBP), beta; TCF5; CCAAT/enhancer-binding protein beta; C/EBP beta; CRP2; IL6DBP; interleukin 6 dependent DNA binding protein; LAP; liver enriched transcriptional activator protein; NFIL6; nuclear factor of interleukin 6; TCF-5; nuclear factor NF-IL6; transcription factor 5; interleukin 6-dependent DNA-binding protein; liver-enriched transcriptional activator protein; NF-IL6; C/EBP-beta; MGC32080;

Gene ID 1051

mRNA Refseq NM_005194

Protein Refseq NP_005185

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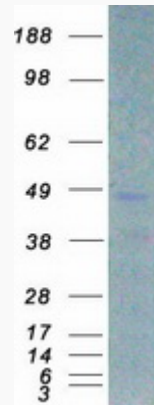
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MIM 189965

UniProt ID P17676

SDS-PAGE



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