

Recombinant Full Length Human CEBPB Protein, C-Flag-tagged

Cat. No. CEBPB-543HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CEBPB Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.9 kDa
AA Sequence	MQRLVAWDPACLPLPPPPPAFKSMEVANFYEADCLAAAYGGKAAPAAPPAARPG PRPPAGELGSIGDHE RAIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSG QHDFLSDLFSDDYGGKNCKKPAEYGYV SLGRLGAAKGALHPGCFAPLHPPPPPP PPPAELKAEPGFEPADCKRKEEAGAPGGGAGMAAGFPYALRAY LGYQAVPSGSS GSLSTSSSSPPGTPSPADAKAPPTACYAGAAPAPSQVKS KAKKTVDKHSDEYKIR

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RER NNI AVRKSRDKAKMRNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFKQ
LPEPLASSGHCTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
Full Length	Full L.

GENE INFORMATION

Gene Name	CEBPB CCAAT enhancer binding protein beta [Homo sapiens (human)]
Official Symbol	CEBPB
Synonyms	TCF5; IL6DBP; NF-IL6; C/EBP-beta
Gene ID	1051
mRNA Refseq	NM_005194.4

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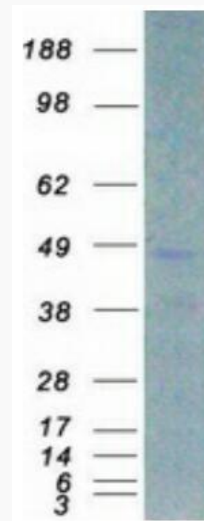
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Protein Refseq NP_005185.2

MIM 189965

UniProt ID P17676



Coomassie blue staining of purified CEBPB protein.

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