

Recombinant Human CEBPB Protein, MYC/DDK-tagged

Cat. No. CEBPB-4893H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEBPB Protein is produced by HEK293T expression system. This protein is fused with a C-MYC/DDK tag at the C-terminal.
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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.9 kDa
AA Sequence	MQRLVAWDPACLPLPPPPPAFKSMEVANFYIEADCLAAAYGGKAAPAAPPAARPG PRPPAGELGSIGDHERAIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSG QHHDFLSDFSDDYGGKNCKKPAEYGYVSLGRLGAAKGALHPGCFAPLHPPPPPP PPPAELKAEPGFEPADCKRKEEAGAPGGGAGMAAGFPYALRAYLG YQAVPSGSSG SLSTSSSSSPPGTPSPADAKAPPTACYAGAAPAPSQVKSKAKKTVDKHSDEYKIRRE RNNIAVRKSRDKAKMRNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFKQLPE

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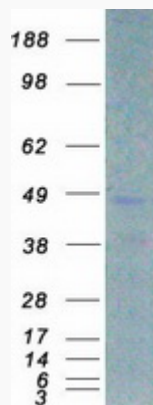
 45-1 Ramsey Road, Shirley, NY 11967, USA

	PLLASSGHC
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 ug/mL as determined by microplate BCA method
GENE INFORMATION	
Gene Name	CEBPB CCAAT/enhancer binding protein (C/EBP), beta [Homo sapiens]
Official Symbol	CEBPB
Synonyms	CEBPB; TCF5; C/EBP beta; CRP2; IL6DBP; NFIL6; TCF-5; NF-IL6; C/EBP-beta; MGC32080;
Gene ID	1051
mRNA Refseq	NM_005194
Protein Refseq	NP_005185
MIM	189965
UniProt ID	P17676

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Purified recombinant protein CEBPB was analyzed by SDS-PAGE gel and Coomossie Blue Staining

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