Recombinant Human CEBPB Protein, GST-Tagged

Cat. No. CEBPB-1101H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CEBPB full-length ORF (AAH21931.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Oct 2013]
Molecular Mass	62.5 kDa
AA Sequence	MQRLVAWDPACLPLPPPPPAFKSMEVANFYYEADCLAAAYGGKAAPAAPPAARPG PRPPAGELGSIGDHERAIDFSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASSG QHHDFLSDLFSDDYGGKNCKKPAEYGYVSLGRLGAAKGALHPGCFAPLHPPPPPP PPPAELKAEPGFEPADCKRKEEAGAPGGGAGMAAGFPYALRAYLGYQAVPSGSSG SLSTSSSSSPPGTPSPADAKAPPTACYAGAAPAPSQVKSKAKKTVDKHSDEYKIRRE RNNIAVRKSRDKAKMRNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFKQLPE PLLASSGHC

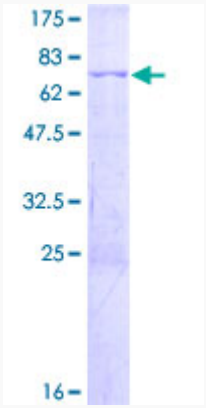
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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CEBPB CCAAT/enhancer binding protein (C/EBP), beta [Homo sapiens]
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
MIM	189965
UniProt ID	P17676

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Quality Control Testing	 12.5% SDS-PAGE Stained with Coomassie Blue.

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