Recombinant Human CEBPA protein, His-tagged

Cat. No. CEBPA-153H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CEBPA fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	This intronless gene encodes a transcription factor that contains a basic leucine zipper (bZIP) domain and recognizes the CCAAT motif in the promoters of target genes. The encoded protein functions in homodimers and also heterodimers with CCAAT/enhancer-binding proteins beta and gamma. Activity of this protein can modulate the expression of genes involved in cell cycle regulation as well as in body weight homeostasis. Mutation of this gene is associated with acute myeloid leukemia. The use of alternative in-frame non-AUG (GUG) and AUG start codons results in protein isoforms with different lengths. Differential translation initiation is mediated by an out-of-frame, upstream open reading frame which is located between the GUG and the first AUG start codons.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl.
Molecular Mass	37.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CEBPA CCAAT/enhancer binding protein (C/EBP), alpha [Homo sapiens]
Official Symbol	CEBPA
Synonyms	CEBPA; CCAAT/enhancer binding protein (C/EBP), alpha; CEBP; CCAAT/enhancer-binding protein alpha; C/EBP alpha; C/EBP-alpha;
Gene ID	1050
mRNA Refseq	NM_004364
Protein Refseq	NP_004355
MIM	116897
UniProt ID	P49715

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