

Recombinant Full Length Human CEBPE Protein, GST-tagged

Cat. No. CEBPE-3280HF Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CEBPE full-length ORF (AAH35797.2, 1 a.a. - 281 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	281 amino acids
Description	The protein encoded by this gene is a bZIP transcription factor which can bind as a homodimer to certain DNA regulatory regions. It can also form heterodimers with the related protein CEBP-delta. The encoded protein may be essential for terminal differentiation and functional maturation of committed granulocyte progenitor cells. Mutations in this gene have been associated with Specific Granule Deficiency, a rare congenital disorder. Multiple variants of this gene have been described, but the full-length nature of only one has been determined. [provided by RefSeq, Jul 2008]
Molecular Mass	56.65 kDa
AA Sequence	MSHGTYECEPRGGQQPLEFSGGRAGPGELGDMCEHEASIDLSAYIESGEEQLLS DLFAVKPAPEARGLKGPPTAFPHYLPPDRPFAYPPHTFGPDRKALGPGIYSSPG SYDPRAVAVKEEPRGPEGSRAASRGSYNPLQYQVAHCGQTAMHLPPTLAAPGQPL RVLKAPLATAAPPSPLLKAPSPAGPLHKGKKAVNKDSLEYRLRRERNNIAVRKSRD KAKRRILETQQKVLEYMAENERLRSRVEQLTQELDTLRNLFRQIPEAANLIKGVGGC S

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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	CEBPE CCAAT/enhancer binding protein (C/EBP), epsilon [Homo sapiens]
Official Symbol	CEBPE
Synonyms	CEBPE; CCAAT/enhancer binding protein (C/EBP), epsilon; CCAAT/enhancer-binding protein epsilon; CRP1; c/EBP epsilon; C/EBP-epsilon;
Gene ID	1053
mRNA Refseq	NM_001805
Protein Refseq	NP_001796
MIM	600749
UniProt ID	Q15744

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