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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CEBPB (Human) Recombinant Protein (P01)

Catalog Number: H00001051-P01

Regulation Status: For research use only (RUO)

Product Description: Human CEBPB full-length ORF (AAH21931.1, 1 a.a. - 345 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MQRLVAWDPACLPPLPPPPAFKSMEVANFYEADCLA
AAYGGKAAPAAPPAARPGPRPPAGELGSIGDHERAID
FSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASS
GQHHDFLSDFSDDYGGKNCKKPAEYGYVSLGRLGA
AKGALHPGCFAPLHPPPPPPPPPAELKAEPGFEPADC
KRKEEAGAPGGGAGMAAGFPYALRAYLG YQAVPSGS
SGSLSTSSSSSPPGTSPADAKAPPTACYAGAAPS
QVKSKAKKTVDKHSDEYKIRRERNNIAVRKSRDKAKM
RNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFK
QLPEPLASSGHC

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 62.5

Interspecies Antigen Sequence: Mouse (66); Rat (66)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1051

Gene Symbol: CEBPB

Gene Alias: C/EBP-beta, CRP2, IL6DBP, LAP, MGC32080, NF-IL6, TCF5

Gene Summary: The protein encoded by this intronless 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 proteins CEBP-alpha, CEBP-delta, and CEBP-gamma. The encoded protein is important in the regulation of genes involved in immune and inflammatory responses and has been shown to bind to the IL-1 response element in the IL-6 gene, as well as to regulatory regions of several acute-phase and cytokine genes. In addition, the encoded protein can bind the promoter and upstream element and stimulate the expression of the collagen type I gene. [provided by RefSeq]

References:

1. Tumor necrosis factor-alpha induces expression of C/EBP-beta in primary afferent neurons following nerve injury. Sasaki M, Hashimoto S, Sawa T, Amaya F Neuroscience. 2014 Aug 27;279C:1-9. doi: 10.1016/j.neuroscience.2014.08.032.