



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### 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:**

MQRLVAWDPACLPLPPPPAFKSMEVANFYEADCLA  
AAYGGKAAPAAPPAARPGPRPPAGELGSIGDHERAID  
FSPYLEPLGAPQAPAPATATDTFEAAPPAPAPAPASS  
GQHHDFLSDFSDDYGGKCKPAEYGYVSLGRLGA  
AKGALHPGCFAPLHPPPPPPPPAELKAEPGFEPADC  
KRKEEAGAPGGGAGMAAGFPYALRAYLGYQAVPSGS  
SGSLSTSSSSSPPGTPSPADAKAPPTACYAGAAPS  
QVKS KAKKTVDKHSDEYKIRRERNNIAVRKSRDKAKM  
RNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFK  
QLPELLASSGHC

**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.