

## Product datasheet for PH305882

### CEBP Beta (CEBPB) (NM\_005194) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CEBPB MS Standard C13 and N15-labeled recombinant protein (NP_005185)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205882
Predicted MW:	35.9 kDa
Protein Sequence:	>RC205882 representing NM_005194 Red=Cloning site Green=Tags(s)  MQRLVAWDPACLPLPPPPAFKSMEVANFYEEADCLAAAYGGKAAPAAPPAARPGPRPPAGELGSIKDHE RAIDFSPYLEPLGAPQAPAPATATDTFEAAPAPAPAPASSGQHHDFLSDLFSDDYGGKNCKKPAEYGYV SLGRLGAAKALHPGCFAPLHPPPPPPPAELKAEPGFEPADCKRKEEAGAPGGGAGMAAGFPYALRAY LG YQAVPSGSSGSLSTSSSSPPGTPSPADAKAPPTACYAGAAPAPSQVKS KAKKTVDKHSDEYKIRRER NNIAVRKSRDKAKMRNLETQHKVLELTAENERLQKKVEQLSRELSTLRNLFKQLPELLASSGHC  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u><a href="#">NP_005185</a></u>
RefSeq Size:	1837
RefSeq ORF:	1035
Synonyms:	C/EBP-beta; IL6DBP; NF-IL6; TCF5
Locus ID:	1051



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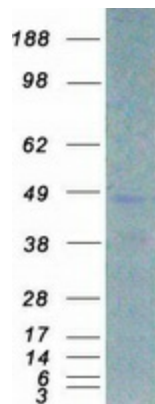
UniProt ID: [P17676](#)

Cytogenetics: 20q13.13

**Summary:** 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]

**Protein Families:** Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

### Product images:



Coomassie blue staining of purified CEBPB protein (Cat# [TP305882]). The protein was produced from HEK293T cells transfected with CEBPB cDNA clone (Cat# [RC205882]) using MegaTran 2.0 (Cat# [TT210002]).