

## Product datasheet for **SC335325**

### CEBP Beta (CEBPB) (NM\_001285878) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CEBP Beta (CEBPB) (NM_001285878) Human Untagged Clone
Tag:	Tag Free
Symbol:	CEBP Beta
Synonyms:	C/EBP-beta; IL6DBP; NF-IL6; TCF5
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001285878
Insert Size:	972 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.</li></ol>
RefSeq:	<u><a href="#">NM_001285878.1</a></u> , <u><a href="#">NP_001272807.1</a></u>
RefSeq Size:	2113 bp
RefSeq ORF:	969 bp



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<b>Locus ID:</b>	1051
<b>UniProt ID:</b>	<a href="#">P17676</a>
<b>Cytogenetics:</b>	20q13.13
<b>Protein Families:</b>	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors
<b>Gene Summary:</b>	<p>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]</p> <p>Transcript Variant: This variant (1) encodes multiple isoforms through the use of alternative translation initiation codons. The isoform [b, also known as LAP (liver activating protein)] represented in this RefSeq results from translation initiation at a downstream AUG start codon. Isoform b has a shorter N-terminus, compared to isoform a.</p>