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Product datasheet for RC205882L3V

CEBP Beta (CEBPB) (NM_005194) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CEBP Beta (CEBPB) (NM_005194) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CEBP Beta
Synonyms:	C/EBP-beta; IL6DBP; NF-IL6; TCF5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005194
ORF Size:	1035 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205882).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_005194.2
RefSeq Size:	1837 bp
RefSeq ORF:	1038 bp
Locus ID:	1051
UniProt ID:	P17676
Cytogenetics:	20q13.13
Domains:	BRLZ
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transcription Factors

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MW: 35.9 kDa

Gene 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]

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