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Product datasheet for RR205240L4V

Cebpb (NM_024125) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Cebpb (NM_024125) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Cebpb
Synonyms:	Il6dbp; NF-IL6; TCF5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_024125
ORF Size:	891 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR205240).
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_024125.4
RefSeq Size:	1475 bp
RefSeq ORF:	894 bp
Locus ID:	24253
UniProt ID:	P21272
Cytogenetics:	3q42

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Gene Summary: This intronless gene encodes a member of the transcription factor family whose members contain a basic leucine-zipper domain. The encoded protein functions as a homodimer but can also form heterodimers with CCAAT/enhancer-binding proteins alpha, delta, and gamma. The encoded protein plays important roles in several cellular processes and in various diseases, including regulating cell proliferation, differentiation, apoptosis and neuroinflammation, and being involved in brain injury and inflammatory progression. The use of alternative in-frame AUG start codons results in multiple protein isoforms, each with different cellular localizations and distinct biological functions. [provided by RefSeq, Sep 2014]