

Product datasheet for **RC210921L4V**

CREB3L3 (NM_032607) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CREB3L3 (NM_032607) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CREB3L3
Synonyms:	CREB-H; CREBH; HYST1481; HYTG2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_032607
ORF Size:	1383 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210921).
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_032607.1
RefSeq Size:	2624 bp
RefSeq ORF:	1386 bp
Locus ID:	84699
UniProt ID:	Q68CJ9
Cytogenetics:	19p13.3
Protein Families:	Transcription Factors
Protein Pathways:	Huntington's disease, Melanogenesis, Prostate cancer



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MW: 49.1 kDa

Gene Summary: This gene encodes a member of the basic-leucine zipper family and the AMP-dependent transcription factor family. The encoded protein is localized to the endoplasmic reticulum and acts as a transcription factor activated by cyclic AMP stimulation. The encoded protein binds the cyclic AMP response element (CRE) and the box-B element and has been linked to acute inflammatory response, hepatocellular carcinoma, triglyceride metabolism, and hepcidin expression. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]