

## Product datasheet for **RC207937L2V**

### **AIBZIP (CREB3L4) (NM\_130898) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	AIBZIP (CREB3L4) (NM_130898) Human Tagged ORF Clone Lentiviral Particle
Symbol:	AIBZIP
Synonyms:	AIBZIP; ATCE1; CREB3; CREB4; hJAL; JAL
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_130898
ORF Size:	1185 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207937).
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. <a href="#">More info</a>
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:	<a href="#">NM_130898.2</a>
RefSeq Size:	1849 bp
RefSeq ORF:	1188 bp
Locus ID:	148327
UniProt ID:	<a href="#">Q8TEY5</a>
Cytogenetics:	1q21.3
Domains:	BRLZ
Protein Families:	Transcription Factors



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**Protein Pathways:** Huntington's disease, Melanogenesis, Prostate cancer

**MW:** 43.4 kDa

**Gene Summary:** This gene encodes a CREB (cAMP responsive element binding) protein with a transmembrane domain which localizes it to the ER membrane. The encoded protein is a transcriptional activator which contains a dimerization domain, and this protein may function in a number of processing pathways including protein processing. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Dec 2011]