

Product datasheet for **RC218561L1V**

CPEB2 (NM_182485) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	CPEB2 (NM_182485) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CPEB2
Synonyms:	CPE-BP2; CPEB-2; hCPEB-2
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_182485
ORF Size:	3078 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218561).
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_182485.1
RefSeq Size:	6854 bp
RefSeq ORF:	3081 bp
Locus ID:	132864
UniProt ID:	Q7Z5Q1
Cytogenetics:	4p15.32
MW:	109.3 kDa



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Gene Summary:

The protein encoded by this gene is highly similar to cytoplasmic polyadenylation element binding protein (CPEB), an mRNA-binding protein that regulates cytoplasmic polyadenylation of mRNA as a trans factor in oogenesis and spermatogenesis. Studies of the similar gene in mice suggested a possible role of this protein in transcriptionally inactive haploid spermatids. Alternatively spliced transcript variants encoding distinct isoforms have been described. [provided by RefSeq, Jul 2008]