

Product datasheet for RC218561L3V

OriGene Technologies, Inc.

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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:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 182485

ORF Size: 3078 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC218561).

Sequence:
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.

RefSeg: NM 182485.1

 RefSeq Size:
 6854 bp

 RefSeq ORF:
 3081 bp

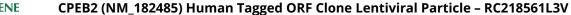
 Locus ID:
 132864

 UniProt ID:
 Q7Z5Q1

 Cytogenetics:
 4p15.32

MW: 109.3 kDa







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]