CPEB4 cDNA Clone – Cytoplasmic Polyadenylation Element Binding Protein 4 (Human)

PRODUCT OVERVIEW

Product Name	CPEB4, cDNA Clone
Full Product Name	CPEB4 cDNA Clone
Product Gene Name	CPEB4 cdna clone
Sequence	atgcactcac tggagagttc actcattgac ataatgagag ctgaaaatga taccattaaa ggtcagtctt cactgtttcc aatggaagat ggattcttgg atgatggccg tggggatcag cctcttcata gtggcctggg ttcacctcac tgcttcagtc accagaatgg ggaaagagtg gaacgatatt ctcgaaaggt gtttgtaggc ggattgcctc cagacattga tgaagatgag atcacagcta gttttcgtcg ctttggccct ctgattgtgg attggcctca taaagctgag agcaaatcct attttcctcc taaaggctat gcattcctgc tgtttcaaga tgaaagctct gtgcaggctc tcattgatgc atgcattgaa gaagatggaa aactctacct ttgtgtatca agtcccacta tcaaggataa gccagtccag attcggcctt ggaatctcag tgacagtgac tttgtgatgg atggttcaca gccacttgac ccacgaaaaa ctatatttgt tggtggtgtt cctcgaccat tacgagctgt ggagcttgcg atgataatgg atcggctata tggaggtgtg tgctacgctg ggattgatac cgaccctgag ctaaaatacc caaaaggagc tgggagagtt gcgttctcta atcaacagag ttacatagct gctatcagtg cccgctttgt tcagctgcag catggagaga tagataaacg ggtggaagtt aagccatatg tcttggatga tcagctgtgt gatgaatgtc agggggcccg ttgtgggggg aaatttgctc cattttctg tgctaatgtt acctgtctgc agtattactg tgaatattgc tgggctgcta tccattctcg tgctggcagg gaattccaca agcccctggt gaaggaaggc ggtgaccgcc ctcggcatat ttcattccgc tggaactaa
Molecular Weight	36,212 Da
OMIM	610607
Vector	Please Inquire
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Related Product Information for CPEB4 cdna clone	MBS1278157 is a cDNA clone targeting CPEB4.
Other Notes	Small volumes of CPEB4 cdna clone vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for CPEB4. It may not necessarily be applicable to this product.

NCBI GI #	22477914
NCBI GeneID	80315
NCBI Accession #	BC036899
UniProt Secondary Accession #	Q7Z310; Q8N405; Q9C0J0; B7ZLQ7
UniProt Related Accession #	Q17RY0
NCBI Official Full Name	Homo sapiens cytoplasmic polyadenylation element binding protein 4, mRNA
NCBI Official Synonym Full Names	cytoplasmic polyadenylation element binding protein 4
NCBI Official Symbol	CPEB4
NCBI Official Synonym Symbols	CPE-BP4; hCPEB-4
UniProt Protein Name	Cytoplasmic polyadenylation element-binding protein 4
Protein Family	Cytoplasmic polyadenylation element-binding protein
UniProt Gene Name	CPEB4

UniProt Synonym Gene Names	KIAA1673; CPE-BP4; CPE-binding protein 4; hCPEB-4
UniProt Entry Name	CPEB4_HUMAN
NCBI Protein Information	cytoplasmic polyadenylation element-binding protein 4
UniProt Comments for CPEB4	CPEB4: Belongs to the RRM CPEB family. 3 isoforms of the human protein are produced by alternative splicing. Protein type: RNA-binding Chromosomal Location of Human Ortholog: 5q21 Cellular Component: cytoplasm; dendrite; endoplasmic reticulum; neuron projection; nucleus; postsynaptic density; synapse Molecular Function: mRNA 3'-UTR binding; protein binding; ribosome binding; translation factor activity, nucleic acid binding; translation repressor activity, nucleic acid binding Biological Process: cellular response to glucose starvation; ionotropic glutamate receptor signaling pathway; negative regulation of neuron apoptosis
Research Articles on CPEB4	**1.** Identify a mechanism of VEGF overexpression in liver and mesentery that promotes pathologic, but not physiologic, angiogenesis, via sequential and nonredundant functions of CPEB1 and CPEB4.
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