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Product datasheet for AR51479PU-N

CPEB1 (1-561, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CPEB1 (1-561, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAFPLEE EAGRIKDCWD NQEAPALSTC SNANIFRRIN AILDNSLDFS RVCTTPINRG IHDHLPDFQD SEETVTSRML FPTSAQESSR GLPDANDLCL GLQSLSLTGW DRPWSTQDSD SSAQSSTHSV LSMLHNPLGN VLGKPPLSFL PLDPLGSDLV DKFPAPSVRG SRLDTRPILD SRSSSPSDSD TSGFSSGSDH LSDLISSLRI SPPLPFLSLS GGGPRDPLKM GVGSRMDQEQ AALAAVTPSP TSASKRWPGA SVWPSWDLLE APKDPFSIER EARLHRQAAA VNEATCTWSG QLPPRNYKNP IYSCKVFLGG VPWDITEAGL VNTFRVFGSL SVEWPGKDGK HPRCPPKGYV YLVFELEKSV RSLLQACSHD PLSPDGLSEY YFKMSSRRMR CKEVQVIPWV LADSNFVRSP SQRLDPSRTV FVGALHGMLN AEALAAILND LFGGVVYAGI DTDKHKYPIG SGRVTFNNQR SYLKAVSAAF VEIKTTKFTK KVQIDPYLED SLCHICSSQP GPFFCRDQVC FKYFCRSCWH WRHSMEGLRH HSPLMRNQKN RDSS
Tag:	His-tag
Predicted MW:	64.5 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: This purified protein is available in a denatured form, making it less suitable for functional studies. Denatured proteins are better suited for applications like Western Blot (WB) or imaging assays. State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CPEB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001073001

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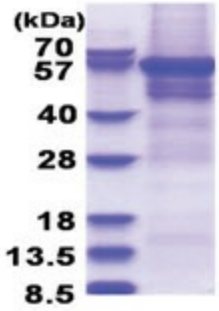
Locus ID:	64506
UniProt ID:	Q9BZB8
Cytogenetics:	15q25.2
Synonyms:	CPE-binding protein 1, CPE-BP1, hCPEB-1, h-CEBP
Summary:	This gene encodes a member of the cytoplasmic polyadenylation element binding protein family. This highly conserved protein binds to a specific RNA sequence, called the cytoplasmic polyadenylation element, found in the 3' untranslated region of some mRNAs. The encoded protein functions in both the cytoplasm and the nucleus. It is involved in the regulation of mRNA translation, as well as processing of the 3' untranslated region, and may play a role in cell proliferation and tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Protein Pathways:	Dorso-ventral axis formation, Oocyte meiosis, Progesterone-mediated oocyte maturation

Product images:



15% SDS-PAGE (3ug)

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