Datasheet for ABIN5853676

CPEB1 Protein (AA 1-561) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	CPEB1
Protein Characteristics:	AA 1-561
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPEB1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS)

Product Details

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
Purity:	> 85 % by SDS - PAGE

Target Details

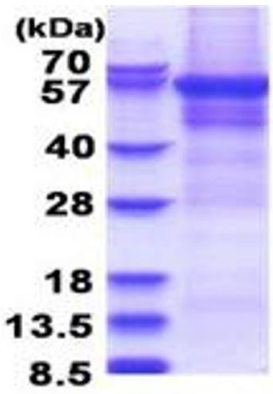
Target:	CPEB1
Alternative Name:	CPEB1 (CPEB1 Products)
Background:	CPEB1 is a member of the cytoplasmic polyadenylation element (CPE) binding protein family. This highly conserved protein binds to a specific RNA sequence called the CPE found in the 3' uTR of some mRNAs. Similar proteins in Xenopus and mouse function to induce cytoplasmic polyadenylation of dormant mRNAs with short polyA tails, resulting in their translation. Members of this protein family regulate translation of cyclin B1 during embryonic cell divisions. Recombinant human CPEB1 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Molecular Weight:	64.5 kDa (584aa)
NCBI Accession:	NP_085097
UniProt:	Q9BZB8
Pathways:	Synaptic Membrane

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Denatured
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Liquid. In 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10 % glycerol
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.



15% SDS-PAGE (3ug)

SDS-PAGE

Image 1.