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Datasheet for ABIN1473822 CPEB1 Protein (AA 1-561) (His tag)

Overview

Quantity:	1 mg
Target:	CPEB1
Protein Characteristics:	AA 1-561
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPEB1 protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MAFSLEEESG RIKDCWDNQE VPALSTCSNA NIFRRINAIL DDSLDFSKVC TTPINRGIHD</p> <p>QLPDFQDSEE AITSRMLFPT SAQESPRGLP DANGLCGLQ SLSLTGWDRP WSTQSDSDSSA</p> <p>QSNTQSVLSM LQNPLGNVLG KTPLSFLSLD PLGSDLDKFP APSVRGSRLD TRPILDSRSS</p> <p>SPSDSDTSGF SSGSDHLSDL ISSLRISPL PFLSMTGNGP RDPLKMGVGS RMDQEQAALA</p> <p>AVAPSPTSAP KRWPGTSVWP SWDLLGAPKD PFSIEREARL HRQAAVNEA TCTWSGQLPP</p> <p>RNYKNPIYSC KVFLGGVPWD ITEAGLVNTF RVFGSLVSEV PGKDGKHPRC PPKGNMPKGY</p> <p>VYLVFELEKS VRALLQACSH DPLSPDGLSE YYFKMSSRRM RCKEVQVIPW VLADSNFVWS</p> <p>PSQRLDPSRT VFGALHGML NAEALAAILN DLFGGVVYAG IDTDKHKYPI GSGRVTFNNQ</p> <p>RSYLKAVTAA FVEIKTTKFT KKVQIDPYLE DSLCLICSSQ GGPFFCRDQV CFKYFCRSCW</p> <p>HWRHSMIEGLR HHSPLMRNQK N</p>
Specificity:	Rattus norvegicus (Rat)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian

Product Details

cells or by baculovirus infection. Be aware about differences in price and lead time.

Purity: > 90 %

Target Details

Target: CPEB1

Alternative Name: Cytoplasmic polyadenylation element-binding protein 1 (Cpeb1) ([CPEB1 Products](#))

Background: Recommended name: Cytoplasmic polyadenylation element-binding protein 1.

Short name= CPE-BP1.

Short name= CPE-binding protein 1.

Short name= CPEB.

Short name= CPEB-1

UniProt: [P0C279](#)

Pathways: [Synaptic Membrane](#)

Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modiflicated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling

Handling Advice:	Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week
Storage:	-20 °C
Storage Comment:	Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.