

Datasheet for ABIN7558489
CPEB2 Protein (AA 1-521) (His tag)



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Overview

Quantity:	1 mg
Target:	CPEB2
Protein Characteristics:	AA 1-521
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CPEB2 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Cpeb2 Protein expressed in mammalian cells.
Sequence:	<p>MNLPQQPPA AAPQQQSRR SPVSPQLQQQ HQAAAAFLQ QRNSYNHHQP LLKQSPWSNH QNSGWTASM SWGAMHGRDH RRSNGMGIPG TMNQISPLKK PFSGNVIAPP KFTRSTPSLT PKSWIEDNVF RTDNNSNTLL PLQVRSSLQL PAWGSDSLQD SWCTAAGTSR IDQDRSRMYD SLNMHSLENS LIDIMRAEHD PLKGRLSYPH PGTDNLLMLN GRSSLFPIDD SLLDDGHSDQ VGVLSPTCY SAHQNGERIE RFSRKVFVGG LPPDIDEDEI TASFRFRGPL VVDWPHKAES KSYFPPKGYA FLLFQEESV QALIDACIEE DGKLYLCVSS PTIKDKPVQI RPWNLSDSDF VMDGSQPLDP RKTIFVGGVP RPLRAVELAM IMDRLYGGVC YAGIDTDPEL KYPKGAGRVA FSNQSYIAA ISARFVQLQH GDIDKRVEVK PYVLDDQMCD ECQGARGGK FAPFFCANVT CLQYYCEFCW ANIHSRAGRE FHKPLVKEGA DRPRQIHFRW N Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>

Product Details

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: **Key Benefits:**

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: CPEB2

Alternative Name: Cpeb2 ([CPEB2 Products](#))

Background: Cytoplasmic polyadenylation element-binding protein 2 (CPE-BP2) (CPE-binding protein 2) (mCPEB-2),FUNCTION: May play a role in translational regulation of stored mRNAs in transcriptionally inactive haploid spermatids. Binds to poly(U) RNA oligomers (PubMed:12672660). Required for cell cycle progression, specifically for the transition from metaphase to anaphase (By similarity). {ECO:0000250|UniProtKB:Q7Z5Q1, ECO:0000269|PubMed:12672660}.

Molecular Weight: 58.4 kDa

UniProt: [Q812E0](#)

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
