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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CPEB1 (Human) Recombinant Protein (P01)

Catalog Number: H00064506-P01

Regulation Status: For research use only (RUO)

Product Description: Human CPEB1 full-length ORF (NP_001073002.1, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MLFPTSAQESSRGLPDANDLCLGLQSLSLTGWDRPW
STQSDSSAQSSSTHSVLSMLHNPLGNVLGKPLSFLP
LDPLGSDLVDKFPAPSVRGSRLDTRPILDSRSSPSDS
DTSGFSSGSDHLSDLISSLRISPLPFLSLSGGGPRDP
LKMGVGSRMDQEQAALAAVTPSPTSASKRWPGASV
WPSWDLLEAPKDPFSIEREARLHRQAAVNEATCTWS
GQLPPRNYKNPIYSCKVFLGGVPWDITEAGLVNTFRVF
GSLSVIEWPGKDGKHPRCPPKGYVYLVFELEKSVRSLL
QACSHDPLSPDGLSEYYFKMSSRRMRCKEVQVIPWV
LADSNFVRSPSQRLDPSRTVFGALHGMLNAEALAIL
NDLFGGVVYAGIDTDKHKYPIGSRVTFNNQRSYLKA
VSAAFVEIKTKFTKKVQIDPYLEDLCHICSSQGPFF
CRDQVCFKYFCRSCWHWRHSMEGLRHHSPLMRNQK
NRDSS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80

Interspecies Antigen Sequence: Mouse (95); Rat (95)

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 64506

Gene Symbol: CPEB1

Gene Alias: CEBP, CPE-BP1, CPEB, FLJ13203, MGC34136, MGC60106

Gene Summary: This gene encodes 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. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

References:

1. CPEB1 Regulates the Expression of MTDH/AEG-1 and Glioblastoma Cell Migration. Kochanek DM, Wells DG *Mol Cancer Res.* 2013 Feb;11(2):149-60. doi: 10.1158/1541-7786.MCR-12-0498. Epub 2013 Jan 29.