

Recombinant Human CPEB4 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPEB4-4641H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPEB4 MS Standard C13 and N15-labeled recombinant protein (NP_085130) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	CPEB4 (Cytoplasmic Polyadenylation Element Binding Protein 4) is a Protein Coding gene. Among its related pathways are Oocyte meiosis. Gene Ontology (GO) annotations related to this gene include nucleic acid binding and RNA binding. An important paralog of this gene is CPEB2.
Molecular Mass	80 kDa
AA Sequence	<p>MGDYGFGVLVQSNTGNKSAFPVRFPHLQPPHHHQNATPSPAAFINNNTAANGSS</p> <p>AGSAWLFPAPATHNIQDEILGSEKAQSQQEQQDPLEKQQLSPSPGQEAGILPETE</p> <p>KAKSEENQGDNSENNGKEKIRIESPVLTGFDYQEATGLGTSTQPLTSSASSLTGF</p> <p>SNWSAAIAPSSSTIINEDASFFHQGGVPAASANNALLFQNFPHHVSPGFGGSFSPQ</p> <p>IGPLSQHHPHHPHFQHHHSQHQQRRSPASPHPPPFTHRNAAFNQLPHLANNLNK</p> <p>PPSPWSSYQSPSPTPSSSWSPGGGGYGGWGGSSQGRDHRRGLNGGITPLNSISPL</p> <p>KKNFASNHIQLQKYARPSSAFAPKSWMEDSLNRADNIFPFPDRPRTFDMHSLESSLI</p> <p>DIMRAENDTIKGRNLNYSYPGSDSSLLINARTYGRRRGQSSLFPMEDGFLDDGRGDQ</p> <p>PLHSGLGSPHCFSHQNGERVERYSRKVFVGGLPPDIDEDEITASFRRFGPLIVDWP</p>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KAESKSYFPPKGYAFLLFQDESSVQALIDACIEEDGKLYLCVSSPTIKDKPVQIRPWN
 LSDSDFVMDGSQPLDPRKTIFVGGVPRPLRAVELAMIMDRLYGGVCYAGIDTDPELK
 YPKGAGRVAFSNQSYIAAISARFVQLQHGEIDKRVEVKPYVLDDQLCDECQGARC
 GGKFAPFFCANVTCLQYYCEYCWAAIHSRAGREFHKPLVKEGGDRPRHISFRWNT
 RTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CPEB4 cytoplasmic polyadenylation element binding protein 4 [Homo sapiens (human)]

Official Symbol CPEB4

Synonyms CPEB4; cytoplasmic polyadenylation element binding protein 4; CPE-BP4; hCPEB-4; cytoplasmic polyadenylation element-binding protein 4; CPE-binding protein 4

Gene ID 80315

mRNA Refseq NM_030627

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Protein Refseq NP_085130

MIM 610607

UniProt ID Q17RY0

SDS-PAGE



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