

Recombinant Full Length Human CPEB4 Protein, C-Flag-tagged

Cat. No. CPEB4-1328HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CPEB4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	Enables RNA binding activity. Predicted to be involved in several processes, including cellular response to glucose starvation; negative regulation of cytoplasmic translation; and response to ischemia. Located in cytoplasm and nucleus. Biomarker of liver cirrhosis; portal hypertension; and primary biliary cholangitis.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	80 kDa
AA Sequence	<p>MGDYGFGVLVQSNTGNKSAFPVRFHPHLQPPHHHQNATPSPAAFINNNTAANGSS</p> <p>AGSAWLFPAPATHNI QDEILGSEKAKSQQQEQQDPLEKQQLSPSPGQEAGILPETE</p> <p>KAKSEENQGDNSENNGKEKIRIESPVL TGFQDYQEATGLGTSTQPLTSSASSLTG</p> <p>FSNWSAAIAPSSSTIINEDASFFHQGGVPAASANNGALLFQNF PHHVSPGFGGSF</p> <p>PQIGPLSQHHPHHPHFQHHSQHQQRRSPASPHPPPFTHRNAAFNQLPHLANNL</p> <p>NK PPSPWSSYQSPSPTSSSWSPGGGGYGGWGGSQGRDHRRGLNGGITPLNSIS</p> <p>PLKKNFASNHIQLQKYAR PSSAFAPKSWMEDSLNRADNIFPFDRPRTFDMHSLES</p> <p>SLIDIMRAENDTIKGRNLNYSYPGSDSSLLINA RTYGRRRGQSSLFPMEDGFLDDGRG</p>

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DQPLHSGLGSPHCFSHQNGERVERYSRKVFVGGGLPPDIDEDEITA SFRRFGPLIVD
 WPHKAESKSYFPPKGYAFLLFQDESSVQALIDACIEEDGKLYLCVSSPTIKDKPVQIR
 P WNLSDSDFVMDGSQPLDPRKTIFVGGVPRPLRAVELAMIMDRLYGGVCYAGIDTD
 PELKYPKGAGRVAFS NQQSYIAAISARFVQLQHGEIDKRVEVKPYVLDDQLCDECQ
 GARCGGKFAPFFCANVTCLQYYCEYCWAA
 IHSRAGREFHKPLVKEGGDRPRHISFRWNTTRTRPLEQKLISEEDLAANDILDYKDDD
 DKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Full Length	Full L.

GENE INFORMATION

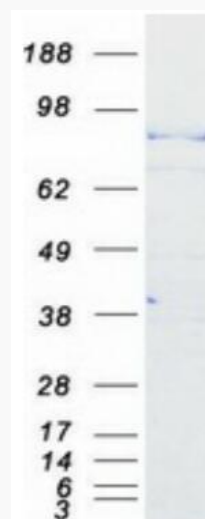
Gene Name	CPEB4 cytoplasmic polyadenylation element binding protein 4 [Homo sapiens (human)]
Official Symbol	CPEB4
Synonyms	CPE-BP4; hCPEB-4

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Gene ID	80315
mRNA Refseq	NM_030627.4
Protein Refseq	NP_085130.2
MIM	610607
UniProt ID	Q17RY0



Coomassie blue staining of purified CPEB4 protein.