Recombinant Full Length Human CPEB1 Protein, GST-tagged

Cat. No. CPEB1-2035HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPEB1 full-length ORF (NP_001073002.1, 1 a.a. - 486 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	486 amino acids
Description	This gene encodes a member of the cytoplasmic polyadenylation element binding protein family. This highly conserved protein binds to a specific RNA sequence, called the cytoplasmic polyadenylation element, found in the 3' untranslated region of some mRNAs. The encoded protein functions in both the cytoplasm and the nucleus. It is involved in the regulation of mRNA translation, as well as processing of the 3' untranslated region, and may play a role in cell proliferation and tumorigenesis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Molecular Mass	80 kDa
AA Sequence	MLFPTSAQESSRGLPDANDLCLGLQSLSLTGWDRPWSTQDSDSSAQSSTHSVLSM LHNPLGNVLGKPPLSFLPLDPLGSDLVDKFPAPSVRGSRLDTRPILDSRSSSPSDSD TSGFSSGSDHLSDLISSLRISPPLPFLSLSGGGPRDPLKMGVGSRMDQEQAALAAVT PSPTSASKRWPGASVWPSWDLLEAPKDPFSIEREARLHRQAAAVNEATCTWSGQL PPRNYKNPIYSCKVFLGGVPWDITEAGLVNTFRVFGSLSVEWPGKDGKHPRCPPKG

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	YVYLVFELEKSVRSLLQACSHDPLSPDGLSEYYFKMSSRRMRCKEVQVIPWVLADS NFVRSPSQRLDPSRTVFVGALHGMLNAEALAAILNDLFGGVVYAGIDTDKHKYPIGS GRVTFNNQRSYLKAVSAAFVEIKTTKFTKKVQIDPYLEDSLCHICSSQPGPFFCRDQV CFKYFCRSCWHWRHSMEGLRHHSPLMRNQKNRDSS
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CPEB1 cytoplasmic polyadenylation element binding protein 1 [Homo sapiens]
Official Symbol	CPEB1
Synonyms	CPEB1; cytoplasmic polyadenylation element binding protein 1; cytoplasmic polyadenylation element-binding protein 1; CPEB; FLJ13203; h-CEBP; hCPEB-1; CPE-binding protein 1; CEBP; CPE-BP1; MGC34136; MGC60106
Gene ID	64506
mRNA Refseq	NM_001079533
Protein Refseq	NP_001073001

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MIM	607342
UniProt ID	Q9BZB8

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