

Recombinant Human CPEB1 Protein, GST-tagged

Cat. No. CPEB1-1781H **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	Wheat Germ
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	MLFPTSAQESSRGLPDANDLCLGLQSLSLTGWDRPWSTQDSDSSAQSSSTHSVLISM LHNPLGNVLGKPPLSFLPLDPLGSDLVDKFPAPSVRGSRLDTRPILDSRSSSPSDSD TSGFSSGSDHLSDLISLRLSPPLPFLSLSGGGPRDPLKMGVGSRMDDQEQAAALAVT PSPTSASKRWPGASVWPSWDLLEAPKDPFSIEREARLHRQAAAVNEATCTWSGQL PPRNYKNPIYSCKVFLGGVPWDITEAGLVNTRFVFGSLSVIEWPGKDGKHPRCPPKG YVYLVFELEKSVRSLLQACSHDPLSPDGLSEYYFKMSSRRMRCKEVQVIPWVLADS

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NFVRSPSQRLDPSRTVFVGALHGMLNAEALAILNDLFGGVVYAGIDTDKHKYPIGS
GRVTFNNQRSYLKAVSAAFVEIKTTKFTKKVQIDPYLEDLCHICSSQPGPFFCRDQV
CFKYFCRSCWHWRHSMEGLRRHHSPLMRNQKNRDSS

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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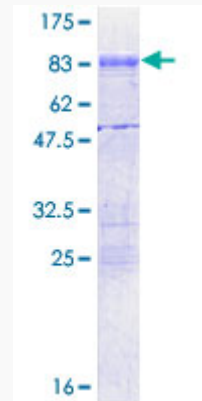
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MIM 607342

UniProt ID Q9BZB8

Quality Control
Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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