

Recombinant Human CPEB1 Protein, GST-His-tagged

Cat. No. CPEB1-903H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPEB1, transcript variant 1, fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	89.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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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
MIM	607342
UniProt ID	Q9BZB8

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