



Recombinant Human Cytoplasmic polyadenylation element-binding protein 1 (CPEB1)

Product Code	CSB-MP861184HU
Abbreviation	CPEB1
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9BZB8
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	≥85% (SDS-PAGE)
Sequence	MALSLEEEAG RIKDCWDNQE APALSTCSNA NIFRRINAIL DNSLDFSRVC TTPINRGIHD HLPDFQDSEE TVTSRMLFPT SAQESSRGLP DANDLCLGLQ SLSLTGWDRP WSTQSDSSA QSSTHSVLSM LHNPLGNVLG KPPLSFLPLD PLGSDLVDKF PAPSVRGSRL DTRPILDSRS SSPSDSDTSG FSSGSDHLSD LISSLRISPP LPFLSLSGGG PRDPLKMGVG SRMDQEQAAL AAVTPSPTSA SKRWPGASVW PSWDLLEAPK DPFSIEREAR LHRQAAVNE ATCTWSGQLP PRNYKNPIYS CKVFLGGVPW DITEAGLVNT FRVFGSLSVE WPGKDGKHPR CPPKGNMPKG YVYLVFELEK SVRSLLQACS HDPLSPDGLS EYYFKMSSRR MRCKEVQVIP WVLADSNFVR SPSQRLDPSR TVFVGALHGM LNAEALAIL NDLFGGVVYA GIDTDKHKYP IGSGRVTENN QRSYLKAVSA AFVEIKTTKF TKKVQIDPYL EDSLCHICSS QPGPFFCRDQ VCFKYFCRSC WHWRHSM EGL RHHSPLMRNQ KNRDSS
Source	Mammalian cell
Target Names	CPEB1
Protein Names	Recommended name: Cytoplasmic polyadenylation element-binding protein 1 Short name= CPE-BP1 Short name= CPE-binding protein 1 Short name= h-CEBP Short name= hCPEB-1
Expression Region	1-566
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	full length protein
Target Details	This gene encodes a member of the cytoplasmic polyadenylation element (CPE) binding protein family. This highly conserved protein binds to a specific RNA sequence called the CPE found in the 3' UTR of some mRNAs. Similar proteins in Xenopus and mouse function to induce cytoplasmic polyadenylation of dormant mRNAs with short polyA tails, resulting in their translation. Members of



this protein family regulate translation of cyclin B1 during embryonic cell divisions. Multiple transcript variants encoding different isoforms have been found for this gene.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.