



# Recombinant Human Cytoplasmic polyadenylation element-binding protein 2 (CPEB2)

<b>Product Code</b>	CSB-MP767205HU
<b>Abbreviation</b>	CPEB2
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q7Z5Q1
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MPPPSPDSEN GFYPGLPSSM NPAFFPSFSP VSPHGCTGLS VPTSGGGGGG FGGPFSATAV PPPPPPAMNI PQQQPPPPAA PQQPQSRRSP VSPQLQQQHQ AAAAAFLQQR NSYNHHQPLL KQSPWSNHQS SGWGTGSMW GAMHGRDHRR TGNMGIPGTM NQISPLKKPF SGNVIAPPKF TRSTPSLTPK SWIEDNVFRT DNNSNTLLPL QVRSSLQLPA WGSDSLQDSW CTAAGTSRID QDRSRMYDSL NMHSLENSLI DIMRAEHDPL KGRLSYPHPG TDNLLMLNGR SSLFPIDDGL LDDGHSDQVG VLNSPTCYSA HQNGERIERF SRKVFVGGLP PDIDEDEITA SFRRFGPLVV DWPHKAESKS YFPPKGYAFL LFQEESSVQA LIDACIEEDG KLYLCVSSPT IKDKPVQIRP WNLSDSDFVM DGSQPLDPRK TIFVGGVPRP LRVELAMIM DRLYGGVCYA GIDTDPELKY PKGAGRVAFS NQQSYIAAIS ARFVQLQHGD IDKRVEVKPY VLDDQMCDEC QGARCGGKFA PFFCANVTCL QYYCEFCWAN IHSRAGREFH KPLVKEGADR PRQIHFRWN
<b>Source</b>	Mammalian cell
<b>Target Names</b>	CPEB2
<b>Protein Names</b>	Recommended name: Cytoplasmic polyadenylation element-binding protein 2 Short name= CPE-BP2 Short name= CPE-binding protein 2 Short name= hCPEB-2
<b>Expression Region</b>	1-589
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein is highly similar to cytoplasmic polyadenylation element binding protein (CPEB), an mRNA-binding protein that regulates cytoplasmic polyadenylation of mRNA as a trans factor in oogenesis and spermatogenesis. Studies of the similar gene in mice suggested a possible role of this protein in



transcriptionally inactive haploid spermatids. Alternatively spliced transcript variants encoding distinct isoforms have been described.

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**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.

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**Shelf Life**

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