



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

<b>Product Code</b>	CSB-EP767205HU-B
<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 P P P P P P P A M N I P Q Q Q P P P P A A P Q Q P Q S R R S P V S P Q L Q Q Q H Q A A A A A F L Q Q R N S Y N H H Q P L L K Q S P W S N H Q S S G W G T G S M S W G A M H G R D H R R T G N M G I P G T M N Q I S P L K K P F S G N V I A P P K F T R S T P S L T P K S W I E D N V F R T D N N S N T L L P L Q V R S S L Q L P A W G S D S L Q D S W C T A A G T S R I D Q D R S R M Y D S L N M H S L E N S L I D I M R A E H D P L K G R L S Y P H P G T D N L L M L N G R S S L F P I D D G L L D D G H S D Q V G V L N S P T C Y S A H Q N G E R I E R F S R K V F V G G L P P D I D E D E I T A S F R R F G P L V V D W P H K A E S K S Y F P P K G Y A F L L F Q E E S S V Q A L I D A C I E E D G K L Y L C V S S P T I K D K P V Q I R P W N L S D S D F V M D G S Q P L D P R K T I F V G G V P R P L R A V E L A M I M D R L Y G G V C Y A G I D T D P E L K Y P K G A G R V A F S N Q Q S Y I A A I S A R F V Q L Q H G D I D K R V E V K P Y V L D D Q M C D E C Q G A R C G G K F A P F F C A N V T C L Q Y Y C E F C W A N I H S R A G R E F H K P L V K E G A D R P R Q I H F R W N
<b>Source</b>	E.coli
<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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