

Recombinant Human CPEB2 protein, His-tagged

Cat. No. CPEB2-11517H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPEB2 protein(1-164 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-164 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 7.4). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 300 mM imidazole.
AASequence	MPPPSPDSENGFYPLPSSMNPAAFFPSFSPVSPHGCTGLSVPTSGGGGGGGFGGPF SATAVPPPPPPAMNIPQQQPPPPAAPQQPQSRRSPVSPQLQQQHQA AAAAFLQQR NSYNHHQPLLKQSPWSNHQSSGWGTGMSWGAMHGRDHRRTGNMGIPGTMNQI S
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

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Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

GENE INFORMATION

Gene Name CPEB2 cytoplasmic polyadenylation element binding protein 2 [Homo sapiens]

Official Symbol CPEB2

Synonyms CPEB2; cytoplasmic polyadenylation element binding protein 2; cytoplasmic polyadenylation element-binding protein 2; CPE-binding protein 2; CPEB-2; CPE-BP2; hCPEB-2; MGC119575; MGC119576; MGC119577;

Gene ID 132864

mRNA Refseq NM_001177381

Protein Refseq NP_001170852

MIM 610605

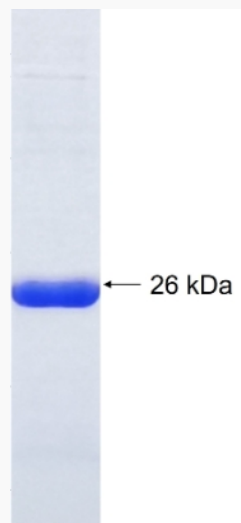
UniProt ID Q7Z5Q1

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SDS-PAGE



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