

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

CPEB1,1-561aa, Human, His tag, E.coli

产品货号: TP01698

第三版

别名: Cytoplasmic polyadenylation element binding protein 1, CEBP, CPE-BP1, CPEB

**描述:** CPEB1 is 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. Recombinant human CPEB1 protein, fused to His-tag at N-terminus, was expressed in *E.coli*.

**配方:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol

**分子量:** 64.5 kDa (584aa)

**序列:**

MGSSHHHHHSSGLVPRGSHMGSMAPLEEEAGRIKDCWDNQEAPALSTCSNANIFRRINAILDNSLDFSRVCTTPINRGI  
HDHLPDFQDSEETVTSRMLFPTSAQESSRGLPDANDLCLGLQSLSLTGWDRPWSTQSDSSAQSSHSVLSMLHNPLGNVL  
GKPPLSFLPLDPLGSDLVDKFPAPSVRGSRLDTRPILDSRSSPSDSDTSGFSSGSDHLSDLISSLRISPPLPFLSLSGGGPRDPLKM  
GVGSRMDQEQAALAAVTPSPTSASKRWPGASVWPSWDLLEAPKDPFSIEREARLHRQAAAVNEATCTWSQLPPRNYKN  
PIYSCKVFLGGVPWDITEAGLVNTRFVFGSLSVWPGKDGKHPRCPPKGYVYLVFELEKSVRSLLQACSHDPLSPDGLSEYY  
FKMSSRRMRCKEVQVIPWVLADSNFVRSPSQRLDPSRTVFGALHGMLNAEALAAAILNDFGGVVYAGIDTDKHKYPIGS  
GRVTFNNQRSYLKAVSAAFVEIKTTKFTKQVQIDPYLEDLCHICSSQPGPFPCRDQVCFKYFCRSCWHWRHSMEGLRHH  
SPLMRNQKNRDS

**纯度:** > 95% by HPLC

**浓度:** 1 mg/ml (determined by Bradford assay)

**内毒素:** <1.0 EU per 1 ug of protein (determined by LAL method)

**存储:** +4 °C 保存 (1-2 周). 长期保存在 -20 °C 或者 -70 °C. 避免反复冻融.