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DATA SHEET

Cytoplasmic Polyadenylation Element Binding Protein 1 Human Recom-

Item Number	rAP-4157
Synonyms	Cytoplasmic Polyadenylation Element Binding Protein 1, CPE-Binding Protein 1, CPE-BP1, HCPEB-1, CPEB, Cytoplasmic Polyadenylation Element-Binding Protein 1, CPEB-1, H-CEBP, CEBP, CPEB1.
Description	CPEB1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 584 amino acids (1-561) and having a molecular mass of 64.5 kDa.CPEB1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	Q9BZB8
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMAFPLEE EAGRIKDCWD NQEAPALSTC SNANIFRRIN AILD-NSLDFS RVCTTPINRG IHDHLPDFQD SEETVTSRML FPTSAQESSR GLPDANDLCL GLQSLSLTGW DRPWSTQDSD SSAQSSTHSV LSMLHNPLGN VLGKPPLSFL PLDPLGSDLV DKFPAPSVRG SRLD-TRPILD SRSSSPSDSD TSGFSSGSDH LSDLISSLRI SPPLPFLSLS GGGPRDPLKM GVGSRMDQEQ AALAAVTPSP TSASKRWPGA SVWPSWDLLE APKDPFSIER EARLHRQAAA VNEATCTWSG QLP-PRNYKNP IYSCKVFLGG VPWDITEAGL VNTFRVFGSL SVEWPGKDGK HPRCPPKGYV YLVFELEKSV
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.
Formulation and Purity	The CPEB1 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for Research Use Only