

**CPPED1, 1-314aa, Human, His tag, E.coli**

**Cat.NO.: TP01700**

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3th Edition

**Synonyms:** Calcineurin-like phosphoesterase domain containing 1, CSTP1

**Description:** CPPED1 belongs to the metallophosphoesterase superfamily. This protein binds 2 divalent metal cations and is transactivated by the large envelope protein of the hepatitis B virus (HBV). Recombinant human CPPED1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:** Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol

**Molecular Weight:** 37.9kDa (337aa), confirmed by MALDI-TOF

**Sequences:**

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MGSSHHHHHSSGLVPRGSHMGMSAAEAGGVFHRARGRTLAAFPAAEKESSEWKGPFYFILGADPQFGLIKAWST
GDCDNGGDEWEQEIRL TEQAVQAINKLNPKPKFFVLCGDLIHAMPGKPWRTEQTEDLKRVLRAVDRAIPLVLVSGN
HDIGNTPAETVEEFCRTWGDDYFSFWVGGVFLVLNSQFYENPSKCP SLKQAQDQWLDEQLSIARQRHCQHAIV
FQHIPLFLESIDEDDDYYFNLSKSTRK KLADKFIHAGVKVVFSGHYHRNAGGTYQNLDMVVSSAIGCQLGRDPHGLR
VVVVTAEKIVHRYYSLDELSEKIEDDLMDLIKKK
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**Purity:** > 95% by HPLC

**Concentration:** 0.5 mg/ml (determined by Bradford assay)

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

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.