

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

Cat.NO.: TP01700

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:

MGSSHHHHHHSSGLVPRGSHMGMSAAEAGGVFHRARGRTLAAFP AEKESEWKGPFFYFILGADPQFGLIKAWST
GDCDNGGDEWEQEIRLTEQAVQAINKLNPKPKFFVLCGLIHAMPGKPWRTEQTEDLKRVLRAVDRAIPLVLVSGN
HDIGNTPTAETVEEFCRTWGDDYFSFWVGGVFLVLNSQFYENPSKCPSLKQAQDQWLDEQLSIARQRHCQHAIV
FQHIPLFLESIDEDDDYYFNLSKSTRKKLADKFIHAGVKVVFSGHYHRNAGGTYQNLDMVVSSAIGCQLGRDPHGLR
VVVVTAEKIVHRYYSLDELSEKIEDDLMDLIKKK

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.