

Recombinant Human CPPED1, His-tagged

Cat. No. CPPED1-7637H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant human CPPED1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Species Human

Source E.coli

ProteinLength 1-314aa

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).?

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

Molecular Mass 37.9kDa (337aa)

AA Sequence

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MGSSHHHHHH SGLVPRGSH MGSMSAAEAG GVFHRARGRT LAAPAEKES
EWKGPFFYL GADPQFGLIK AWSTGDCDNG GDEWEQEIRL TEQAVQAINK
LNP KPFFVL CGDLIHAMPG KPWRTEQTED LKRVLRAVDR AIPLVLVSGN
HDIGNTPAE TVEEFCRTWG DDYFSFWVGG VLFLVLNSQF YENPSKCPSL
KQAQDQWLDE QLSIARQRHC QHAIVFQHIP LFLESIDEDD DYYFNLSKST
RKKLADKFIH AGVKVVFSGH YHRNAGGTYQ NLDMVVSSAI GCQLGRDPHG
LRVVVVTAEK IVHRYYSLDE LSEKGIEDDL MDLIKKK
    
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Purity	>85% by SDS - PAGE
Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml
GENE INFORMATION	
Gene Name	CPPED1 calcineurin-like phosphoesterase domain containing 1 [Homo sapiens]
Official Symbol	CPPED1
Synonyms	CPPED1; calcineurin-like phosphoesterase domain containing 1; calcineurin-like phosphoesterase domain-containing protein 1; complete S transactivated protein 1; CSTP1; FLJ11151; complete S-transactivated protein 1;
Gene ID	55313
mRNA Refseq	NM_018340
Protein Refseq	NP_060810
UniProt ID	Q9BRF8
Chromosome Location	16p13.12
Function	hydrolase activity; metal ion binding;

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