
Product Data Sheet

Product Name: CPPED1 Human
 Cat. No.: GP23212
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	CSTP1; Calcineurin-like phosphoesterase domain-containing protein 1; Complete S-transactivated protein 1; CPPED1.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMSAAEAG GVFHRARGRT LAAFPAEKES EWKGPFFYFIL GADPQFGLIK AWSTGD CDNG GDEWEQEIRL TEQAVQAINK LNP KP KFFVL CGDLIHAMPG KPWRTEQTED LKRVLRAVDR AIPLVLVSGN HDIGNTP TAE TVEEFCRTWG DDYFSFWVGG VLFLVLNSQF YENPSKCP SL KQAQDQWLDE QLSIARQRHC QHAIVFQHIP LFLESIDEDD DYYFNLSKST RKKLADKFIH AGVKVVFSGH YHRNAGGTYQ NLDMVVSSAI GCQLGRDPHG LRVVVVTAEK IVHRYYSLDE LSEKGIEDDL MDLIKKK.		
Formulation	The CPPED1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol.		

Introduction

CPPED1 which is a part of the metallophosphoesterase superfamily takes part in glucose uptake by adipocytes. CPPED1 binds two divalent metal cations and is transactivated by the great envelope protein of the hepatitis B virus.

Stability

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.

Background

CPPED1 Human Recombinant produced in E. coli is a single polypeptide chain containing 337 amino acids (1-314) and having a molecular mass of 37.9kDa. CPPED1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic

Caution: Product has not been fully validated for medical applications. For research use only.

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