

32-3586: CPPED1 Recombinant Protein

Alternative Name : CSTP1, Calcineurin-like phosphoesterase domain-containing protein 1, Complete S-transactivated protein 1, CPPED1.

Description

Source : Escherichia Coli. 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 techniques. 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.

Product Info

Amount : 20 µg
Purification : Greater than 85% as determined by SDS-PAGE.
Content : The CPPED1 solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl and 20% glycerol.
Storage condition : 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.
Amino Acid : MGSSHHHHHH SSSLVPRGSH MGSMSAAEAG GVFHRARGRT LAAPPAEKES EWKGPFFYFIL
GADPQFGLIK AWSTGDCDNG GDEWEQEIRL TEQAVQAINK LNPCKKFFVL CGDLIHAMPG
KPWRTEQTED LKRVLRAVDR AIPLVLVSGN HDIGNTPAE TVEEFCRTWG DDYFSFWVGG VLFLVLNSQF
YENPSKCPSL KQAQDQWLDE QLSIARQRHC QHAIVFQHIP LFLESIDEDD DYYFNLSKST RKKLADKFIH
AGVKVVFSGH YHRNAGGTQ NLDMVSSAI GCQLGRDPHG LRVVVVTAEK IVHRYYSLDE LSEKGIEDDL
MDLIKKK.