

Recombinant Human CPNE1 Protein, MYC/DDK-tagged

Cat. No. CPNE1-3319H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CPNE1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a calcium-dependent protein that also contains two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. However, the encoded protein does not contain a predicted signal sequence or transmembrane domains. This protein has a broad tissue distribution and it may function in membrane trafficking. This gene and the gene for RNA binding motif protein 12 overlap at map location 20q11.21. Alternate splicing results in multiple transcript variants encoding different proteins.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	58.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CPNE1 copine I [Homo sapiens]
Official Symbol	CPNE1
Synonyms	COPN1; CPN1
Gene ID	8904
mRNA Refseq	NM_001198863
Protein Refseq	NP_001185792
MIM	604205
UniProt ID	Q99829

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