

## Recombinant Human CPNE1 Protein, MYC/DDK-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CPNE1 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>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.</p>
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	58.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>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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