

Recombinant Human CPNE3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPNE3-5510H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPNE3 MS Standard C13 and N15-labeled recombinant protein (NP_003900) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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 protein which contains two type II C2 domains in the amino-terminus and an A domain-like sequence in the carboxy-terminus. The A domain mediates interactions between integrins and extracellular ligands.
Molecular Mass	60.1 kDa
AA Sequence	MAAQCVTKVALNVSCANLLDKDIGSKSDPLCVLFLNTSGQQWYEVERTERIKNCLNP QFSKTFIIDYYFEVVQKLKFGVYDIDNKTIELSDDDFLGECECTLGQIVSSKKLTRPLV MKTGRPAGKGSITISAEIKNRNVLFEMEARKLDNKDLFGKSDPYLEFHKQTS DGN WLMVHRTEVVKNNLNPVWRPFKISLNSLCYGDMDKTIKVECYDYDNDGSHDLIGTF QTTMTKLKEASRSPVEFECINEKKRQKKKSYKNSGVISVKQCEITVECTFLDYIMGG CQLNFTVGVDFTGSNGDPRSPDSLHYISPNGVNEYLTALWSVGLVIQDYDADKMFP AFGFGAQIPPQWQVSHEFFPMNFPNSNPYCNGIQGIVEAYRSCLPQIKLYGPTNFSPII NHVARFAAAATQQQTASQYFVLLIITDGVITDLDETRQAIVNASRLPMSIIIVGVGGAD

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FSAMEFLDGDGGSLRSPLGEVAIRDIVQFVPFRQFQNAPKEALACVLAIEPQQVVG
YFNTYKLLPPKNPATKQQKQTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CPNE3 copine III [Homo sapiens (human)]
Official Symbol	CPNE3
Synonyms	CPNE3; copine III; copine-3; CPN3; PRO1071; KIAA0636;
Gene ID	8895
mRNA Refseq	NM_003909
Protein Refseq	NP_003900
MIM	604207
UniProt ID	O75131

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