

Recombinant Human CPNE2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPNE2-4547H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPNE2 MS Standard C13 and N15-labeled recombinant protein (NP_689940) 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 is one of several genes that encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. Sequence analysis identified multiple alternatively spliced transcript variants but their full-length natures could not be determined.
Molecular Mass	61.2 kDa
AA Sequence	MAHIPSGGAPAAGAAPMGPQYCVCKVELSVSGQNLLDRDVTSKSDPFCVLFTENN GRWIEYDRGTETAINNLNPAFSKKFVLDYHFEEVQKLKFAFDQDKSSMRLDEHDFLG QFSCSLGTIVSSKKITRPLLLLNDKPAGKGLITIAAQELSDNRVITLSLAGRRLDKKDLF GKSDPFLEFYKPGDDGKWMLVHRTEVIKYTLDPVWKPFTVPLVSLCDGDMEKPIQV MCYDYDNDGGHDFIGEFQTSVSQMCEARDSVPLEFECINPKKQRKKKNYKNSGIIL RSCKINRDYSFLDYILGGCQLMFTVGIDFTASNGNPLDPSSLHYINPMGTNEYLSAIW AVGQIIQDYDSDKMFPALGFGAQLPPDWKVSHEFAINFNPTNPFCSGVDGIAQAYSA

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CLPHIRFYGPTNFSPIVNHVARFAAQATQQRATQYFILLITDGVISDMEETRHAVVQ
 ASKLPMSSIIIVGVGNADFAAMEFLDGDSTRMLRSHTGEEAARDIVQFVPFREFRNAAK
 ETLAKAVLAELPQQVVQYFKHKNLPPTNSEPATRTRPLEQKLISEEDLAANDILDYKD
 DDDKV

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 CPNE2 copine 2 [Homo sapiens (human)]

Official Symbol CPNE2

Synonyms CPNE2; copine 2; CPN2; COPN2; copine-2; copine II

Gene ID 221184

mRNA Refseq NM_152727

Protein Refseq NP_689940

MIM 604206

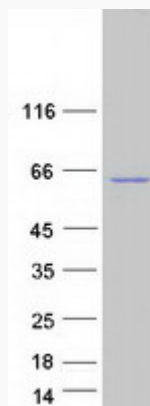
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UniProt ID

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