

Recombinant Human CPNE5 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPNE5-4584H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPNE5 MS Standard C13 and N15-labeled recombinant protein (NP_065990) 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. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. More variants may exist, but their full-length natures could not be determined.
Molecular Mass	65.6 kDa
AA Sequence	MEQPEDMASLSEFDSLGLSIPATKVEITVSCRNLLDKDMFSKSDPLCVMTQGMEN KQWREFGRTEVIDNTLNPDFVRKFIVDYFFEEKQNLRFDLVDVSKSPDLSKHDFLG QAFCTLGEIVGSPGSRLEKPLTIGAFSLNSRTGKPMPAVSNGGVPGKKCGTIILSAEE LSNCRDVATMQFCANKLDKKDFFGKSDPFLVFYRSNEDGTFTICHKTEVMKNTLNP VWQTFSIPVRALCNGDYDRTIKVEVYDWRDGSHTDFIGFTTSYRELARGQSQFNIY EVVNPKKKMKKKKYVNSGTVTLLSFAVESECTFLDYIKGGTQINFTVAIDFTASNGNP SQSTSLHYMSPYQLNAYALALTAVGEIIQHYDSDKMFALGFGAKLPPDGRVSHEFP

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LNGNQENPSCCGIDGILEAYHRSLRTVQLYGPTNFAPVVTHVARNAAAVQDGSQYS
VLLIITDGVISDMAQTKEAIVNAAKLPMSIIIVGVGQAEFDAMVELDGDDVRISSRGKLA
ERDIVQFVPFRDYVDRTGNHVLSMARLARDVLAEIPDQLVSYMKAQGIRPRPPPAAP
THSPSQSPARTPPASPLHTHITRTRPLEQKLISEEDLAANDILDYKDDDDKV

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 CPNE5 copine 5 [Homo sapiens (human)]

Official Symbol CPNE5

Synonyms CPNE5; copine 5; CPN5; COPN5; copine-5; copine V

Gene ID 57699

mRNA Refseq NM_020939

Protein Refseq NP_065990

MIM 604209

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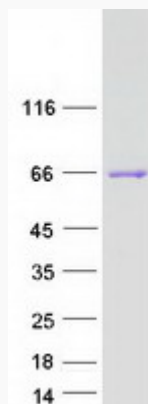
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UniProt ID

Q9HCH3

SDS-PAGE

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