

Recombinant Full Length Human CPNE2 Protein, GST-tagged

Cat. No. CPNE2-2099HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPNE2 full-length ORF (NP_689940.3, 1 a.a. - 548 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	548 amino acids
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. [provided by RefSeq, Jul 2008]
Molecular Mass	87.6 kDa
AA Sequence	MAHIPSGGAPAAGAAPMGPQYCVCKVELSVSGQNLLDRDVTSKSDPFCVLFTENN GRWIEYDRTE TAINNLNPAFSKKFVLDYHFEEVQKLKFALFDQDKSSMRLDEHDFLG QFSCSLGTIVSSKKITRPLLLLNDKPAGKGLITIAAQELSDNRVITLSLAGRRLDKKDLF GKSDPFLEFYKPGDDGKWMLVHRTEVIKYTLDPVWKPFTVPLVSLCDGDMEKPIQV MCYDYDNDGGHDFIGEFQTSVSQMCEARDSVPLEFECINPKKQRKKKNYKNSGIIIL RSCKINRDYSFLDYILGGCQLMFTVGIDFTASNGNPLDPSSLHYINPMGTNEYLSAIW AVGQIIQDYDSDKMFALGFQAQLPPDWKVSHEFAINFNPTNPFCSGVDGIAQAYSA

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CLPHIRFYGPTNFSPIVNHVARFAAQATQQRATQYFILLITDGVISDMEETRHAVVQ
 ASKLPMSSIIIVGVGNADFAAMEFLDGDRLRSHTGEEAARDIVQFVPFREFRNAAK
 ETLAKAVLAELPQQVVQYFKHKNLPPTNSEPA

Applications

Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

CPNE2 copine 2 [Homo sapiens (human)]

Official Symbol

CPNE2

Synonyms

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

Gene ID

221184

mRNA Refseq

NM_152727

Protein Refseq

NP_689940

MIM

604206

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UniProt ID

Q96FN4

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