

Recombinant Human CPNE2 Protein, GST-tagged

Cat. No. CPNE2-1794H **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	Wheat Germ
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 GRWIEYDRTEINLNPAFSKKFVLDYHFEEVQKLKFALFDQDKSSMRLDEHDFLG QFSCSLGTIVSSKKITRPLLLLNDKPAGKGLITIAAQELSDNRVITLSLAGRRLDKKDLF GKSDPFLEFYKPGDDGKWMLVHRTEVIKYTLDPVWKPFTVPLVSLCDGDMEKPIQV MCYDYDNDGGHDFIGEFQTSVSQMCEARDSVPLEFECINPKKQKRKKKNYKNSGIIL RSCKINRDYSFLDYILGGCQLMFTVGIDFTASNGNPLDPSSLHYINPMGTNEYLSAIW AVGQIIQDYDSDKMFALGFGAQLPPDWKVSHEFAINFNPTNPFCSGVDGIAQAYSA CLPHIRFYGPTNFSPIVNHVARFAAQATQQRATQYFILLITDGVISDMEETRHAVVQ

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	ASKLPMSIIIVGVGNADFAAMEFLDGDSRMLRSHTGEEAARDIVQFVPFREFRNAAK 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.

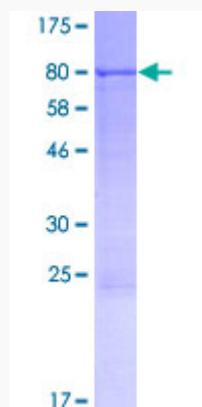
GENE INFORMATION

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
UniProt ID	Q96FN4

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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