

Recombinant Full Length Human CPNE3 Protein, GST-tagged

Cat. No. CPNE3-2100HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPNE3 full-length ORF (AAH36242, 1 a.a. - 537 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	537 amino acids
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. [provided by RefSeq, Aug 2008]
Molecular Mass	84.81 kDa
AA Sequence	MAAQCVTKVALNVSCANLLDKDIGSKSDPLCVLFLNTSGQQWYEVERTERIKNCLNP QFSKTFIIDYYFEVVQKLKFGVYDIDNKTIELSDDDFLGECECTLGQIVSSKKLTRPLV MKTGRPAGKGSITISAEIEKDNRVVLFEMEARKLDNKDLFGKSDPYLEFHKQTS DGN WLMVHRTEVVKNLNPVWRPFKISLNSLCYGDMDKTIKVECYDYDNDGSHDLIGTF QTTMTKLKEASRSPVEFECINEKKRQKKKSYKNSGVISVKQCEITVECTFLDYIMGG CQLNFTVGVDFTGSNGDPRSPDSLHYISPNGVNEYLTALWSVGLVIQDYDADKMFP AFGFGAQIPPQWQVSHEFPMNFPNPNPYCNGIQGIVEAYRSCLPQIKLYGQTNFSPII NHVARFAAAATQQQTASRYFVLLIITDGVITDLDETRQAIVNASRLPMSIIVGVGGAD

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	FSAMEFLDGDGGSLHSP LGEVAIRDIVQFVPFRQFQNAPKEALAQCVLAEIPQQVVG YFNTYKLLPPKNPATKQQKQ
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	CPNE3 copine III [Homo sapiens]
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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