

Recombinant Full Length Human CPNE4 Protein, GST-tagged

Cat. No. CPNE4-2101HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPNE4 full-length ORF (NP_570720.1, 1 a.a. - 557 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	557 amino acids
Description	This gene belongs to the highly conserved copine family. It encodes a calcium-dependent, phospholipid-binding protein, which may be involved in membrane trafficking, mitogenesis and development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]
Molecular Mass	88.8 kDa
AA Sequence	MKKMSNIYESAANTLGIFNSPCLTKVELRVACKGISDRDALSKPDPCVILKMQSHGQ WFEVDRTEVIRTGINPVYSKLFTVDFYFEEVQRLRFEVHDISSNHNGLKEADFLGGM ECTLGQIVSQRKLSKLLKHGNTAGKSSITVIAEELSGNDDYVELAFNARKLDDKDFE SKSDPFLEIFRMNDDATQQLVHRTEVVMNNLSPAWKSFKVSVNSLCSGDPDRRLKC IVWDWDSNGKHDFIGEFTSTFKEMRGAMEGKQVQWECINPKYKAKKKNYKNSGTVI LNLCKIHKMHSFLDYIMGGCQIQFTVAIDFTASNGDPRNSCSLHYIHPYQPNEYLKAL VAVGEICQDYDSDKMFPAGFGGARIPPEYTVSHDFAINFNEDNPECAGIQGVVEAYQ SCLPKLQLYGPTNIAPIIQKVAKSASEETNTKEASQYFILLITDGVITDMADTREAIVH ASHLPM SVIIVGVGNADFSDMQMLDGDGILRSPKGEPVLRDIVQFVPFRNFKHASP

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AALAKSVLAIEVPNQVVDYYNGKGIKPKCSSEMYESSRTLAP

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

CPNE4 copine IV [Homo sapiens]

Official Symbol

CPNE4

Synonyms

CPNE4; copine IV; copine 8; COPN4; CPN4

Gene ID

131034

mRNA Refseq

NM_001289112

Protein Refseq

NP_001276041

MIM

604208

UniProt ID

Q96A23

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