

Recombinant Full Length Human CPNE4 Protein, C-Flag-tagged

Cat. No. CPNE4-1408HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CPNE4 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	62.2 kDa
AA Sequence	MKKMSNIYESAANTLGIFNSPCLTKVELRVACKGISDRDALSKPDPCVILKMQSHGQ WFEVDRTEVIRTC INPVYSKLFTVDFYFEEVQRLRFEVHDISSNHNGLKEADFLGGM ECTLGQIVSQRKLSKSLKHGNTAGK SSITVIAEELSGNDDYVELAFNARKLDDKDFF SKSDPFLEIFRMNDDATQQLVHRTEVVMNNLSPAWKSF KVSVNSLCSGDPDRRLK CIVWDWDSNGKHDFIGFTSTFKEMRGAMEGKQVQWECINPKYKAKKKNYKNS GT VILNLCKIHKMHSFLDYIMGGCQIQFTVAIDFTASNGDPRNSCSLHYIHPYQPNEYLKA LVAVGEICQ DYDSDKMFPAFGFGARIPPEYTVSHDFAINFEDNPECAGIQGVVEAY QSCLPKLQLYGPTNIAPIIQKV AKSASEETNTKEASQYFILLITDGVITDMADTREAIV

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HASHLPMSVIVGVGNADFSDMQMLDGGDIL RSPKGEPVLRDIVQFVPFRNFKHA
SPAALAKSVLAEPNQVVDYYNGKGIKPKCSSEMYESSRTLAPTRTRPLEQKLISEE
DLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Full Length	Full L.

GENE INFORMATION

Gene Name	CPNE4 copine 4 [Homo sapiens (human)]
Official Symbol	CPNE4
Synonyms	CPN4; COPN4
Gene ID	131034
mRNA Refseq	NM_130808.3

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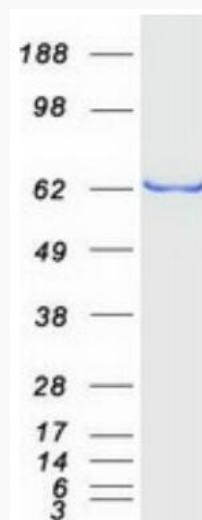
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Protein Refseq NP_570720.1

MIM 604208

UniProt ID Q96A23



Coomassie blue staining of purified CPNE4 protein.

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