

Recombinant Human CPNE4 Protein, GST-tagged

Cat. No. CPNE4-1797H **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	Wheat Germ
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 WFEVDRTEVIRTCINPVYSKLFTVDFYFEEVQRLRFEVHDISSNHNGLKEADFLGGM ECTLGQIVSQRKLSKSLKHGNTAGKSSITVIAEELSGNDDYVELAFNARKLDDKDFE SKSDPFLEIFRMNDDATQQLVHRTEVVMNNLSPAWKSFKVSVNSLCSGDPDRRLKC IVWDWDSNGKHDFIGEFTSTFKEMRGAMEGKQVQWECINPKYKAKKKNYKNSGTVI LNLCKIHKMHSFLDYIMGGCQIQFTVAIDFTASNGDPRNSCSLHYIHPYQPNEYLKAL VAVGEICQDYDSDKMFPAFGFGARIPPEYTVSHDFAINFNEDNPECAGIQGVVEAYQ SCLPKLQLYGPTNIAPIIQKVAKSASEETNTKEASQYFILLITDGVITDMADTREAIHV ASHLPMSVIIIVGVGNADFSDMQMLDGDDGILRSPKGEPVLRDIVQFVPFRNFKHASP AALAKSVLAEVNPQVVDYYNGKGIKPKCSSEMYESSRTLAP

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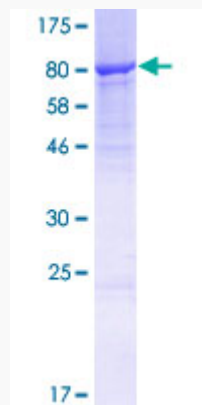
 45-1 Ramsey Road, Shirley, NY 11967, USA

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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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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