

Recombinant Full Length Human CPNE6 Protein, C-Flag-tagged

Cat. No. CPNE6-1721HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human CPNE6 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	This gene encodes a member of the copine family. Members of this family are calcium-dependent, phospholipid-binding proteins with C2 domains, two calcium- and phospholipid-binding domains. Through their domain structure and lipid binding capabilities, these proteins may play a role in membrane trafficking. This protein is thought to be brain-specific and has a domain structure of two N-terminal C2 domains and one von Willebrand factor A domain. It may have a role in synaptic plasticity.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	61.8 kDa
AA Sequence	MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRTLTKPHPCVLLKLYSDEQWV EVERTEVLRSCSSPV FSRVLALEYFFEEKQPVQFHVFDAEDGATSPRNDTFLGSTE CTLGQIVSQTKVTKPLLLKNGKTAGKSTI TIVAAEEVSGTNDYVQLTFRAYKLDNKDLF SKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLS LHSLCSCDVHRPLK FLVYDYDSSGKHDFIGFEFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSS G TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNH

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YLQALRAVGGICQD YDSKRFPAFGFGARIPPNFEVSHDFAINFDPENPECEEISGVI
 ASYRRCLPQIQLYGPTNVAPIINRVA EPAQREQSTGQATKYSVLLVLTGTVSDMAE
 TRTAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLR CPRGVPAARDIVQFVPFR
 DFKDAAPSALAKCVLAEVPRQVVEYYASQGISPGAPRPCTLATTPSPSPTRTRPLEQ
 KLISEEDLAANDILDYKDDDDKV

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.
Full Length	Full L.

GENE INFORMATION

Gene Name	CPNE6 copine 6 [Homo sapiens (human)]
Official Symbol	CPNE6
Synonyms	N-COPINE
Gene ID	9362
mRNA Refseq	NM_006032.4

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Protein Refseq	NP_006023.1
MIM	605688
UniProt ID	O95741

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