

Recombinant Human CPNE6 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CPNE6-707H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CPNE6 MS Standard C13 and N15-labeled recombinant protein (NP_006023) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
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.
Molecular Mass	62 kDa
AA Sequence	MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWV EVERTEVLRSCSSPVFSRVLALAYFFEEKQPVFHFVDAEDGATSPRNDTFLGSTE CTLGQIVSQTKVTKPLLLKNGKTAGKSTITIVAEVSGTNDYVQLTFRAYKLDNKDLF SKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLSLHSLCSCDVHRPLKF LVYDYDSSGKHDFIGFETSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHY LQALRAVGGICQDYDSDKRFPAGFGGARIPPNFVSHDFAINFDPENPECEEISGVIA

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SYRRCLPQIQLYGPTNVAPIINRVAEPAQREQSTGQATKYSVLLVLTGQVSDMAET
RTAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLRCPRGVPAARDIVQFVPFRDF
KDAAPSALAKCVLAEVPRQVVEYYASQGISPGAPRPCTLATTPSPSPTRTRPLEQKLI
SEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name CPNE6 copine 6 [Homo sapiens (human)]

Official Symbol CPNE6

Synonyms CPNE6; copine VI (neuronal); copine-6; neuronal copine; neuronal-copine; N-COPINE;

Gene ID 9362

mRNA Refseq NM_006032

Protein Refseq NP_006023

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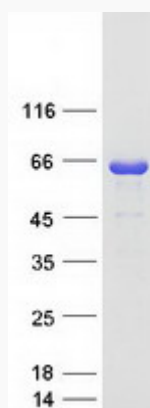
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MIM 605688

UniProt ID O95741

SDS-PAGE



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