

Recombinant Full Length Human CPNE6 Protein, GST-tagged

Cat. No. CPNE6-2103HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPNE6 full-length ORF (AAH18046, 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 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. [provided by RefSeq, Jul 2013]
Molecular Mass	87.01 kDa
AA Sequence	MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWV EVERTEVLRSCSSPVFSRVLALLEYFFEEKQPVFHVFDAEDGATSPRNDTFLGSTE CTLGQIVSQTKVTKPLLLKNGKTAGKSTITIVAEVSGTNDYVQLTFRAYKLDNKDLF SKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLSLHSLCSCDVHRPLKF LVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHY

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LQALRAVGGICQDYDSDKRFPAGFGARIPPNFEVSHDFAINFDPENPECEEISGVIA
 SYRRCLPQIQLYGPTNVAPIINRVAEPAQREQSTGQATKYSVLLVLTGQVVSMDMAET
 RTAIVRASRLPMSIIIVGVGNADFSDMRLLDGGDGPLRCPRGVPAARDIVQFVPRDF
 KDAAPSALAKCVLAEVPRQVVEYYASQGISPGAPRPCTLATTPSPSP

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 CPNE6 copine VI (neuronal) [Homo sapiens]

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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MIM	605688
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UniProt ID	O95741
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