

Recombinant Human CPNE6 Protein, GST-tagged

Cat. No. CPNE6-1802H **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	Wheat Germ
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 EVERTEVLRSCSSPVFSRVLALAYFFEEKQPVFHVFDAEDGATSPRNDTFLGSTE CTLGQIVSQTKVTKPLLLKNGKTAGKSTITIVAEVSGTNDYVQLTFRAYKLDNKDLF SKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLSLHSLCSCDVHRPLKF LVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHY LQALRAVGGICQDYDSDKRFPAGFGGARIPPNFVSHDFAINFDPENPECEEISGVIA

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SYRRCLPQIQLYGPTNVAPIINRVAEPAQREQSTGQATKYSVLLVLTGCVSDMAET
RTAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLRCPRGVPAARDIVQFVPRDF
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

MIM

605688

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UniProt ID

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