

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
 EVERTEVLRSCSSPVFSRVLALAYFFEEKQPVFHFVDAEDGATSPRNDTFLGSTE
 CTLGQIVSQTKVTKPLLLKNGKTAGKSTITIVAAEEVSGTNDYVQLTFRAYKLDNKDLF
 SKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLSLHSLCSCDVHRPLKF
 LVYDYDSSGKHDFIGEFSTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG
 TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHY
 LQALRAVGGICQDYDSDKRFPAGFGGARIPPNFVSHDFAINFDPENPECEEISGVIA

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SYRRCLPQIQLYGPTNVAPIINRVAEPAQREQSTGQATKYSVLLVLTGQVSDMAET
 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

O95741

Quality Control

Testing:



12.5% SDS-PAGE Stained with Coomassie Blue.

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