

Recombinant Full Length Human CPNE5 Protein, GST-tagged

Cat. No. CPNE5-2102HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CPNE5 full-length ORF (AAH53872.1, 1 a.a. - 301 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	301 amino acids
Description	Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene is one of several genes that encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. More variants may exist, but their full-length natures could not be determined. [provided by RefSeq, Sep 2015]
Molecular Mass	59 kDa
AA Sequence	MKKKKYVNSGTVTLLSFAVESECTFLDYIKGGTQINFTVAIDFTASNGNPSQSTSLHY MSPYQLNAYALALTAVGEIIQHYDSDKMFALGFGAKLPPDGRVSHEFPLNGNQEN PSCCGIDGILEAYHRSRLRTVQLYGPTNFAPVVTHVARNAAAVQDGSQYSVLLIITDGV ISDMAQTKEAIVNAAKLPMSIIIVGVGQAEFDAMVELDGDDVRISSRGKLAERDIVQFV PFRDYVDRTGNHVLSMARLARDVLAEIPDQLVSYMKAQGIRPRPPPAAPTHSPSQS PARTPPASPLHTHI

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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	CPNE5 copine V [Homo sapiens]
Official Symbol	CPNE5
Synonyms	CPNE5; copine V; COPN5; CPN5; KIAA1599
Gene ID	57699
mRNA Refseq	NM_001314017
Protein Refseq	NP_001300946
MIM	604209
UniProt ID	Q9HCH3

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