

## Product datasheet for **TP305309L**

### CPNE6 (NM\_006032) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human copine VI (neuronal) (CPNE6), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205309 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWVEVERTEVLRSCSSPV  
FSRVLALEYFFEEKQPVQFHVFDAEDGATSPRNDTFLGSTECTLGQIVSQTKVTKPLLLKNGKTAGKSTI  
TIVAEVSGTNDYVQLTFRAYKLDNKDLFSKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLS  
LHSLCSCDVHRPLKFLVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG  
TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHYLQALRAVGGICQD  
YDSDKRFPAGFGGARIPPNEFVSHDFAINFDPENPECEEISGVIASVRRCLPQIQLYGPTNVAPIINRVA  
EPAQREQSTGQATKYVLLVLTGDVVS DMAETRTAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLR  
CPRGVPAARDIVQFVPRDFKDAAPSALAKCVLAEVPRQVVEYYASQGISPGAPRPCTLATTPSPSP

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	61.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP\\_006023](#)

Locus ID: 9362

UniProt ID: [Q95741](#)

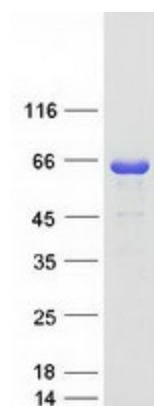
RefSeq Size: 2235

Cytogenetics: 14q11.2

RefSeq ORF: 1671

**Summary:** 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]

### Product images:



Coomassie blue staining of purified CPNE6 protein (Cat# [TP305309]). The protein was produced from HEK293T cells transfected with CPNE6 cDNA clone (Cat# [RC205309]) using MegaTran 2.0 (Cat# [TT210002]).