

## Product datasheet for PH305309

### CPNE6 (NM\_006032) Human Mass Spec Standard

#### Product data:

|                                       |   |
|---------------------------------------|---|
| Product Type:                         | Mass Spec Standards   |
| Description:                          | CPNE6 MS Standard C13 and N15-labeled recombinant protein (NP_006023) |
| Species:                              | Human   |
| Expression Host:                      | HEK293  |
| Expression cDNA Clone or AA Sequence: | RC205309  |
| Predicted MW:                         | 62 kDa  |
| Protein Sequence:                     | >RC205309 protein sequence<br>Red=Cloning site Green=Tags(s)          |

MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWVEVERTEVLRSCSSPV  
FSRVLALEYFFEEKQPVFHFVDAEDGATSPRNDTFLGSTECTLGQIVSQTKVTKPLLLKNGKTAGKSTI  
TIVAAEEVSGTNDYVQLTFRAYKLDNKDLFSKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLS  
LHSLCSCDVHRPLKFLVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG  
TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHYLQALRAVGGICQD  
YSDKRFPAFGGARIPPNFVSHDFAINFDPENPECEEISGVIASYRRCLPQIQLYGPTNVAPIINRVA  
EPAQREQSTGQATKYSVLLVLDGVVSDMAETRTAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLR  
CPRGVPAARDIVQFVPRDFKDAAPSALAKCVLAEVPRQVVEYYASQGISPGAPRPCTLATTPSPSP

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

|                  |  |
|------------------|--|
| Tag:             | C-Myc/DDK  |
| Purity:          | > 80% as determined by SDS-PAGE and Coomassie blue staining                                |
| Concentration:   | >0.05 µg/µL as determined by microplate BCA method   |
| Labeling Method: | Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine                       |
| Buffer:          | 25 mM Tris-HCl, 100 mM glycine, pH 7.3   |
| Storage:         | Store at -80°C. Avoid repeated freeze-thaw cycles.   |
| Stability:       | Stable for 3 months from receipt of products under proper storage and handling conditions. |
| RefSeq:          | <u>NP_006023</u>   |
| RefSeq Size:     | 2235   |
| RefSeq ORF:      | 1671   |

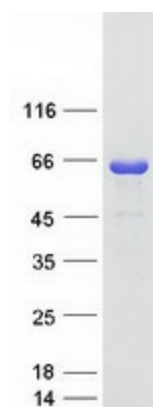


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Locus ID: 9362  
UniProt ID: [O95741](#)  
Cytogenetics: 14q11.2

**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]).