

Product datasheet for **TP305309M**

CPNE6 (NM_006032) Human Recombinant Protein

Product data:

| | |
|---------------------------------------|------------------------------------------------------------------------------|
| Product Type: | Recombinant Proteins |
| Description: | Recombinant protein of human copine VI (neuronal) (CPNE6), 100 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC205309 protein sequence Red =Cloning site Green =Tags(s) |

MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWVEVERTEVLRSCSSPV
FSRVLALEYFFEEKQPVQFHVFDAEDGATSPRNDTFLGSTECLGQIVSQTKVTKPLLLKNGKTAGKSTI
TIVAEVSGTNDYVQLTFRAYKLDNKLDFSKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLS
LHSLCSCDVHRPLKFLVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG
TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHYLQALRAVGGICQD
YDSDKRFPAFGFGARIPPNEFVSHDFAINFDPENPECEEISGVIASYYRCLPQIQLYGPTNVAPIINRVA
EPAQREQSTGQATKYVLLVLTGCVSDMAETRTRAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLR
CPRGVPAARDIVQFVPRDFKDAAPSALAKCVLAEVPRQVVEYYASQGISPGAPRPTLATTSPSP

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](#)

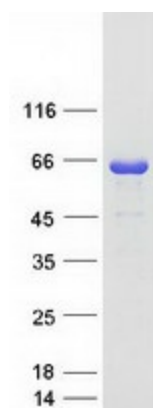
RefSeq Size: 2235

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]).