

## Product datasheet for TP309574L

### CPNE3 (NM\_003909) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human copine III (CPNE3), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209574 protein sequence Red=Cloning site Green=Tags(s)

MAAQCVTKVALNVSCANLLDKDIGSKSDPLCVLFLNTSGQQWYEVERTERIKNCLNPQFSKTFIIDYYFE  
VVQKLKFGVYDIDNKTIELSDDDFLGECECTLGQIVSSKLRPLVMKTGRPAGKGSITISAEIKNRV  
VLFEMEARKLDNKDLFGKSDPYLEFHKQTSNGWLMVHRTEVVKNNLNPVWRPFKISLNSLCYGDMDKTI  
KVECYDYDNDGSHDLIGTFQTTMTKLKEASRSPVEFECINEKKRQKKKSYKNSGVISVKQCEITVECTF  
LDYIMGGCQLNFTVGVDFGSDPRSPDSLHYISPNGVNEYLTALWSVGLVIQDYDADKMFPAFGFGAQ  
IPPQWQVSHEFPMNPNPNPCNGIQGIVEAYRSLPQIKLYGPTNFSPINHVAFAAAATQQQTASQY  
FVLLIITDGVITDLDETRQAIVNASRLPMSIIIVGVGGADFSAMEFLDGDGGSLRSPLGEVAIRDIVQFV  
PFRQFQNPKEALAQCFLAEIPQQVGVGFNTYKLLPPKNPATKQQKQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	60 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\\_003900](#)

Locus ID: 8895

UniProt ID: [Q75131](#), [A0A024R994](#)

RefSeq Size: 4883

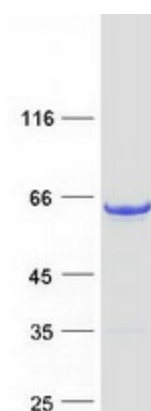
Cytogenetics: 8q21.3

RefSeq ORF: 1611

Synonyms: CPN3; PRO1071

**Summary:** Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene encodes a protein which contains two type II C2 domains in the amino-terminus and an A domain-like sequence in the carboxy-terminus. The A domain mediates interactions between integrins and extracellular ligands. [provided by RefSeq, Aug 2008]

### Product images:



Coomassie blue staining of purified CPNE3 protein (Cat# [TP309574]). The protein was produced from HEK293T cells transfected with CPNE3 cDNA clone (Cat# [RC209574]) using MegaTran 2.0 (Cat# [TT210002]).