

Product datasheet for TP305309

CPNE6 (NM_006032) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human copine VI (neuronal) (CPNE6), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205309 protein sequence Red=Cloning site Green=Tags(s)

MSDPEMGWVPEPQTMTLGASRVELRVSCHGLLDRDTLTKPHPCVLLKLYSDEQWVEVERTEVLRSCSSPV
FSRVLALEYFFEEKQPVQFHVFDAEDGATSPRNDTFLGSTECLGQIVSQTKVTKPLLLKNGKTAGKSTI
TIVAEVSGTNDYVQLTFRAYKLDNKDLFSKSDPFMEIYKTNEDQSDQLVWRTEVVKNNLNPSWEPFRLS
LHSLCSCDVHRPLKFLVYDYDSSGKHDFIGFTSTFQEMQEGTANPGQEMQWDCINPKYRDKKKNYKSSG
TVVLAQCTVEKVHTFLDYIMGGCQISFTVAIDFTASNGDPRSSQSLHCLSPRQPNHYLQALRAVGGICQD
YDSDKRFPAFGFGARIPPNEFVSHDFAINFDPENPECEEISGVIASYYRCLPQIQLYGPTNVAPIINRVA
EPAQREQSTGQATKYSVLLVLTGCVSDMAETRTRAIVRASRLPMSIIIVGVGNADFSDMRLLDGDDGPLR
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.



[View online »](#)

RefSeq: [NP_006023](#)

Locus ID: 9362

UniProt ID: [Q95741](#)

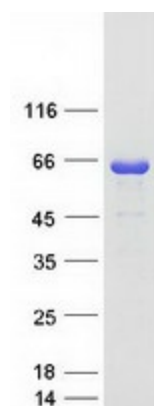
RefSeq Size: 2235

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]).