

Product datasheet for PH303541

CPNE4 (NM_130808) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CPNE4 MS Standard C13 and N15-labeled recombinant protein (NP_570720)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203541
Predicted MW:	62.4 kDa
Protein Sequence:	>RC203541 protein sequence Red =Cloning site Green =Tags(s)

MKKMSNIYESAANTLGIFNSPCLTKVELRVACKGISDRDALSKPDPCVILKMQSHGQWFVDRTEVIRTC
 INPVYSKLFVTDFYFEEVQRLRFEVHDISSNHNLKEADFLGGMECTLGQIVSQRKLKSKLLKHGNTAGK
 SSITVIAEELSGNDYVELAFNARKLDDKDFFSKSDPFLEIFRMNDATQQLVHRTEVVMNLSPAWKSF
 KVSVNSLCSGDPDRRLKCIWWDSDNGKHDFIGFTSTFKEMRGAMEGKQVQWECINPKYKAKKNYKNS
 GTVILNLCKIHKMHSFLDYIMGGCQIQFTVAIDFTASNGDPRNSCSLHYIHPYQPNEYLKALVAVGEICQ
 DYDSKMFPAFGGARIPPEYTVSHDFAINFNEDNPECAGIQGVVEAYQSCLPKLQLYGPTNIAPIIQKV
 AKSASEETNTKEASQYFILLILTDGVITDMADTREAIVHASHLPMSVIIIGVGNADFSDMQMLDGGDGIL
 RSPKGEPVLRDIVQFVPFRNFKHASPAALAKSVLAEPNQVVDYNGGKIKPKCSSEMYESSRTLAP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_570720</u>
RefSeq Size:	4194
RefSeq ORF:	1671


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Synonyms: COPN4; CPN4

Locus ID: 131034

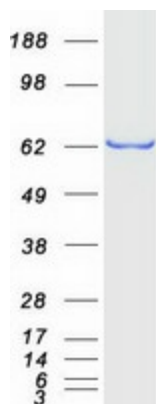
UniProt ID: [Q96A23](#), [Q4G168](#)

Cytogenetics: 3q22.1

Summary: This gene belongs to the highly conserved copine family. It encodes a calcium-dependent, phospholipid-binding protein, which may be involved in membrane trafficking, mitogenesis and development. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2014]

Protein Families: Druggable Genome

Product images:



Coomassie blue staining of purified CPNE4 protein (Cat# [TP303541]). The protein was produced from HEK293T cells transfected with CPNE4 cDNA clone (Cat# [RC203541]) using MegaTran 2.0 (Cat# [TT210002]).