

Product datasheet for PH309574

CPNE3 (NM_003909) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CPNE3 MS Standard C13 and N15-labeled recombinant protein (NP_003900)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209574
Predicted MW:	60.1 kDa
Protein Sequence:	>RC209574 protein sequence Red=Cloning site Green=Tags(s)

MAAQCVTKVALNVSCANLLDKDIGSKSDPLCVLFLNTSGQQWYEVETERIKNCLNPQFSKTFIIDYYFE
VVQKLKFGVYDIDNKTIELSDDDFLGECECTLGQIVSSKKLTRPLVMKTGRPAGKGSITISAEIKNRV
VLFEMEARKLDNKLFGKSDPYLEFHKQTSNGWLMVHRTEVVKNLNPVWRPFKISLNSLCYGDMDKTI
KVECYDYDNDGSHDLIGTFQTTMTKLKEASRSPVEFECINEKKRQKKSYKNSGIVSVKQCEITVECTF
LDYIMGGCQLNFTVGVDFTGSNGDPRSPDSLHYISPNGVNEYLTALWSVGLVIQDYDADKMFPAGFGAQ
IPPQWQVSHEFPMNFNPNPYCNGIQGIVEAYRSLPQIKLYGPTNFSPIINHVARFAAAATQQQTASQY
FVLLIITDGVITDLDETRQAIIVNASRLPMSIIIVGVGGADFSAEFLDGDDGSLRSPLGEVAIRDIVQFV
PFRQFQNPAPKEALAQCVLAEIPQQVVGVFNTYKLLPPKNPATKQQKQ

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_003900</u>
RefSeq Size:	4883
RefSeq ORF:	1611

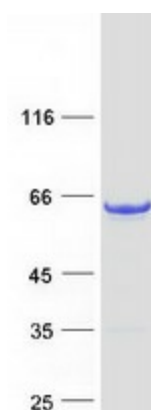


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Synonyms: CPN3; PRO1071
Locus ID: 8895
UniProt ID: [O75131](#), [A0A024R994](#)
Cytogenetics: 8q21.3

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]).