

Product datasheet for PH308830

CPNE2 (NM_152727) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CPNE2 MS Standard C13 and N15-labeled recombinant protein (NP_689940)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC208830
Predicted MW:	61.2 kDa
Protein Sequence:	>RC208830 protein sequence Red=Cloning site Green=Tags(s)

MAHIPSGGAPAAGAAPMGQYCVCKVELSVSGQNLLDRDVTSKSDPFCVLFTEENGRWIEYDRTEAINN
LNPAFSKKFVLDYHFEEVQKLKFDQDKSSMRLDEHDFLGQFSCSLGTIVSSKKITRPLLLNDKPAG
KGLITIAAQELSDNRVITLSLAGRRLDKKDLFGKSDPFLEFYKPGDDGKWMLVHRTEVIKYTLDPVWKPF
TVPLVSLCDGMEKPIQVMCYDYDNDGGHDFIGEFQTSVSQMCEARDSVPLEFECINPKKQKKNYKNS
GIILRSCKINRDYSFLDYILGGCQLMFTVGIDFTASNGNPLDPSSLHYINPMGTNEYLSAIWAVGQIIQ
DYDSDKMFALGFGAQLPPDWKVSHEFAINFNPTNPFCSGVDGIAQAYSACLPHIRFYGPTNFSPIVNHV
ARFAAQATQQTATQYFILLIITDGVISDMEETRHAHVQASKLPMSIIIVGVGNADFAAMEFLDGD SRML
RSHTGEEAARDIVQFVPFREFRNAKETLAKAVLAELPQQVQYFKHKNLPPTNSEPA

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_689940</u>
RefSeq Size:	2252
RefSeq ORF:	1644



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Synonyms: COPN2; CPN2

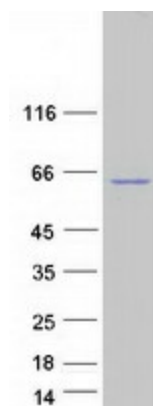
Locus ID: 221184

UniProt ID: [Q96FN4](#)

Cytogenetics: 16q13

Summary: Calcium-dependent membrane-binding proteins may regulate molecular events at the interface of the cell membrane and cytoplasm. This gene is one of several genes that encode a calcium-dependent protein containing two N-terminal type II C2 domains and an integrin A domain-like sequence in the C-terminus. Sequence analysis identified multiple alternatively spliced transcript variants but their full-length natures could not be determined. [provided by RefSeq, Jul 2008]

Product images:



Coomassie blue staining of purified CPNE2 protein (Cat# [TP308830]). The protein was produced from HEK293T cells transfected with CPNE2 cDNA clone (Cat# [RC208830]) using MegaTran 2.0 (Cat# [TT210002]).