

## Product datasheet for PH324869

### Apc6 (CDC16) (NM\_001078645) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	CDC16 MS Standard C13 and N15-labeled recombinant protein (NP_001072113)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC224869
Predicted MW:	71.5 kDa
Protein Sequence:	>RC224869 representing NM_001078645 Red=Cloning site Green=Tags(s)

MNLERLRKRVRYLDQQYQYQSALFWADKVASLSREEPQDIYWLAQCLYLTAQYHRAAAHALRSRKLDKLYE  
ACRYLAARCHYAAKEHQALDVLDMEEPINKRLEKYLKDESGFKDPSSDWEMSQSSIKSSICLLRGKIY  
DALDNRTLATYSYKEALKLDVYCFEAFDLLTSHHMLTAQEEKELLESPLSKLCNEEQELLRFLFENKLLK  
KYNKPSETVIPESVDGLQENLDVVVSLAERHYNCDFKMCYKLTSSVMEKDPFHASCLPVIHIGTLVELNK  
ANELFYLSHKLVLDYPSNPVSWFVAVGCYLMVGHKNEHARRYLSKATTLEKTYGPAWIAYGHSFAVESEH  
DQAMAAYFTAAQLMKGCHLPLM YIGLEYGLTNNKLAERFFSQALSIAPEDPFVMHEVGVVAFQNGEWKT  
AEKWFLDALEKIKAI GNEVTVDKWEPLLN LGHVCRLK KKYAEALDYHRQALVLI PQNASTYSAIGYIHS  
LMGNFENAVDYFHTALGLRRDDTF SVTMLGHCIEMYIGDSEAYIGADIKDKLKC YDFDVHTMKTLKNIIS  
PPWDFREFEVEKQTAEEETGLTPLETSRKT PDSRPSLEETFEIEMNESDMML ETSMSDHST

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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001072113</a>
RefSeq Size:	2317
RefSeq ORF:	1860



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**Synonyms:** ANAPC6; APC6; CDC16Hs; CUT9

**Locus ID:** 8881

**UniProt ID:** [Q13042](#), [A0A024RDZ2](#)

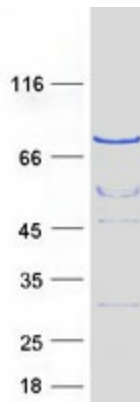
**Cytogenetics:** 13q34

**Summary:** The protein encoded by this gene functions as a protein ubiquitin ligase and is a component of the multiprotein APC complex. The APC complex is a cyclin degradation system that governs exit from mitosis by targeting cell cycle proteins for degradation by the 26S proteasome. Each component protein of the APC complex is highly conserved among eukaryotic organisms. This protein, and other APC complex proteins, contain a tetratricopeptide repeat (TPR) domain; a protein domain that is often involved in protein-protein interactions and the assembly of multiprotein complexes. Multiple alternatively spliced transcript variants, encoding distinct proteins, have been identified. [provided by RefSeq, Jan 2016]

**Protein Families:** Druggable Genome

**Protein Pathways:** Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis

### Product images:



Coomassie blue staining of purified CDC16 protein (Cat# [TP324869]). The protein was produced from HEK293T cells transfected with CDC16 cDNA clone (Cat# [RC224869]) using MegaTran 2.0 (Cat# [TT210002]).