

Product datasheet for PH305639

Apc6 (CDC16) (NM_003903) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	CDC16 MS Standard C13 and N15-labeled recombinant protein (NP_003894)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205639
Predicted MW:	71.5 kDa
Protein Sequence:	>RC205639 representing NM_003903 Red=Cloning site Green=Tags(s)

MNLERLRKRVRYLDQQYQYQSALFWADKVASLSREEPQDIYWLAQCLYLTAQYHRAAHALRSRKLDKLYE
ACRYLAARCHYAAKEHQALDVLDMEEPINKRLEKYLKDESGFKDPSSDWEMSQSSIKSSICLLRGKIY
DALDNRTLATYSYKEALKLDVYCFEAFDLLTSHHMLTAQEEKELLESPLSKLCNEEQELLRFLFENKLLK
KYNKPSETVIPESVDGLQENLDVVVSLAERHYNCDFKMCYKLTSSVMEKDPFHASCLPVIHIGTLVELNK
ANELFYLSHKLVDLYPSNPVSWFVAVGCYLMVGHKNEHARRYLSKATTLEKTYGPAWIAYGHSFAVESEH
DQAMAAYFTAAQLMKGCHLPLMYYIGLEYGLTNNKLAERFFSQALSIAPEDPFVMHEVGVVAFQNGEWKT
AEKWFLDALEKIKAIAGNEVTVDKWEPLNLLGHVCRKLLKYYAEALDYHRQALVLIQONASTYSAIGYIHS
LMGNFENAVDYFHTALGLRRDDTFVSTMLGHCIEMYIGDSEAYIGADIKDKLKCDFDVHTMKTLKNIIS
PPWDFREFEVEKQTAETGLTPLETSRKTTPDSRPSLEETFEIEMNESDMMLETSMDSHST

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:	NP_003894
RefSeq Size:	2235
RefSeq ORF:	1860



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Synonyms: ANAPC6; APC6; CDC16Hs; CUT9

Locus ID: 8881

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

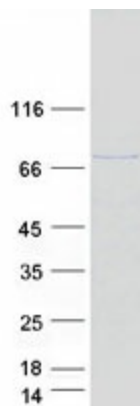
Cytogenetics: 13q34

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# [TP305639]). The protein was produced from HEK293T cells transfected with CDC16 cDNA clone (Cat# [RC205639]) using MegaTran 2.0 (Cat# [TT210002]).