

## Product datasheet for TP305639M

### Apc6 (CDC16) (NM\_003903) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human cell division cycle 16 homolog ( <i>S. cerevisiae</i> ) (CDC16), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205639 representing NM_003903 Red=Cloning site Green=Tags(s)

MNLERLRKRVRQYLDQQYQSALFWADKVASLSREEPQDIYWLAQCLYLTAQYHRAAHALRSRKLDKLYE  
ACRYLAARCHYAAKEHQALDVLDMEEPINKRLEKYLKDESGFKDPSSDWEMSQSSIKSSICLLRGKIY  
DALDNRTLATYSYKEALKLDVYCFAFDLLTSHHMLTAQEEKELLESPLSKLCNEEQELLRFLFENKLIK  
KYNKPSETVIPESVDGLQENLDVVVSLAERHYNCDFKMCYKLTSVMEKDPFHASCLP VHIGTLVELNK  
ANELFYLSHKLVDLYPSNPVSWFAVGCYYLMVGHKNEHARRYLSKATTLEKTYGPAWIAYGHSFAVESEH  
DQAMAAYFTAAQLMKGCHLPMLYIGLEYGLTNNSKLAERFFSQALSAPEDPFVMHEVGVVAFQNGEWKT  
AEKWFLDALEKIKAIAGNEVTVDKWEPLNNGHVCRLKKYAEALDYHRQALVLPQNASTYSIAIGYIHS  
LMGNFENAVDYFHTALGLRRDDTFSVTMLGHCIEMYIGDSEAYIGADIKDKLKYDFDVHTMKTLLKNIIS  
PPWDFREFEVEKQTAETGLTPLETSRKTSPSRPSLEETFEIEMNESDMMLETSMDSHST

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

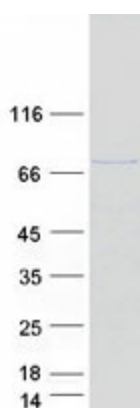
Tag:	C-Myc/DDK
Predicted MW:	71.5 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_003894</a>
<b>Locus ID:</b>	8881
<b>UniProt ID:</b>	<a href="#">Q13042</a> , <a href="#">A0A024RDZ2</a>
<b>RefSeq Size:</b>	2235
<b>Cytogenetics:</b>	13q34
<b>RefSeq ORF:</b>	1860
<b>Synonyms:</b>	ANAPC6; APC6; CDC16Hs; CUT9
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).