

# Recombinant Full Length Human CDC16 Protein, GST-tagged

**Cat. No.** CDC16-3131HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human CDC16 full-length ORF (AAH17244, 1 a.a. - 620 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	620 amino acids
<b>Description</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>Molecular Mass</b>	93.83 kDa
<b>AA Sequence</b>	MNLERLRKRVRQYLDQQQYQSALFWADKVASLSREEPQDIYWLAQCLYLTAQYHR AAHALRSRKLDKLYEACRYLAARCHYAAKEHQALDVLDMEEPINKRLEKYLKDES GFKDPSSDWEMSQSSIKSSICLLRGKIYDALDNRTLATYSYKEALKLDVYCFEAFDLL TSHHMLTAQEEKELLESPLSKLCNEEQELLRFLFENKLLKYNKPSSETVIPESVDGLQ

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ENLDVVVSLAERHYYNCDFKMCYKLTSVVMKDPFHASCLP VHIGTLVELNKANELF  
 YLSHKLVDLYPSNPVSWFAVGCYYLMVGHKNEHARRYLSKATTLEKTYGPAWIAYG  
 HSFAVESEHDQAMAAYFTAAQLMKGCHLPMLYIGLEYGLTNNSKLAERFFSQALSIA  
 PEDPFVMHEVGVVAFQNGEWKTAEKWFLDALEKIKAIAGNEVTVDKWEPLLNNGHV  
 CRKLLKYAEALDYHRQALVLIPQNASTYSAIGYIHSLMGNFENAVDYFHTALGLRRD  
 DTFSVTMLGHCIEMYIGDSEAYIGADIKDKLKCYPDVDVHTMKT LKNIISPPWDFREFE  
 VEKQTAEEETGLTPLETSRKTPDSRPSLEETFEIEMNESDMMLETSMSDHST

**Applications**  
 Enzyme-linked Immunoabsorbent Assay  
 Western Blot (Recombinant protein)  
 Antibody Production  
 Protein Array

**Storage**  
 Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**  
 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

**Gene Name**  
 CDC16 cell division cycle 16 homolog (*S. cerevisiae*) [ *Homo sapiens* ]

**Official Symbol**  
 CDC16

**Synonyms**  
 CDC16; cell division cycle 16 homolog (*S. cerevisiae*); CDC16 (cell division cycle 16, *S. cerevisiae*, homolog), CDC16 cell division cycle 16 homolog (*S. cerevisiae*); cell division cycle protein 16 homolog; ANAPC6; anaphase promoting complex; subunit 6; APC6; CUT9; CDC16Hs; cyclosome subunit 6; anaphase-promoting complex subunit 6; anaphase-promoting complex, subunit 6;

**Gene ID**  
 8881

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<b>mRNA Refseq</b>	NM_001078645
<b>Protein Refseq</b>	NP_001072113
<b>MIM</b>	603461
<b>UniProt ID</b>	Q13042

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