

Recombinant Full Length Human CDC16 Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human CDC16 full-length ORF (AAH17244, 1 a.a. - 620 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	620 amino acids
Description	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]
Molecular Mass	93.83 kDa
AA Sequence	MNLERLRKRVRQYLDQQYQSALFWADKVASLSREEPQDIYWLAQCLYLTAQYHR AAHALRSRKLDKLYEACRYLAARCHYAAKEHQQALDVLDMEEPINKRLFEEKYKDES GFKDPSSDWEMSQSSIKSSICLLRGKIYDALDNRTLATYSYKEALKLDVYCFEAFDLL TSHHMLTAQEEKELLESPLSKLCNEEQELLRFLFENKLKKYNKPSETVIPESVDGLQ

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ENLDVVVSLAERHYYNCDFKMCYKLTSVVMEKDPFHASCLPVIHIGTLVELNKANSELF
 YLSHKLVDLYPSNPVSWFAVGCYYLMVGHKNEHARRYLSKATTLEKTYGPAWAIYAG
 HSFAVESEHDQAMAAYFTAAQLMKGCHLPMLYIGLEYGLTNNSKLAERFFSQALSIA
 PEDPFVMHEVGVVAFQNGEWKTAEKWFLDALEKIKAIAGNEVTVDKWEPLNNLGHV
 CRKLKKYAEALDYHRQALVLIPQNASTYSAIGYIHSLMGNFENAVDYFHTALGLRRD
 DTFSVTMLGHCIEMYIGDSEAYIGADIKDKLKCYDFDVHTMKTCLKNIISPPWDFREFE
 VEKQTAEETGLTPLETSRKTPDSRPSLEETFEIEMNESDMMLETSMSDHST

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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mRNA Refseq	NM_001078645
Protein Refseq	NP_001072113
MIM	603461
UniProt ID	Q13042

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