

## Recombinant Mouse Cdc16 Protein, Myc/DDK-tagged

Cat. No. Cdc16-2072M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Purified recombinant protein of mouse full-length CDC16 cell division cycle 16 (Cdc16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>Description</b>	Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains.
<b>Molecular Mass</b>	71.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<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>Storage</b>	Store at -80 centigrade after receiving vials.
<b>Concentration</b>	>50 µg/mL as determined by microplate BCA method

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**Storage Buffer** 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

## GENE INFORMATION

**Gene Name** Cdc16 CDC16 cell division cycle 16 [ *Mus musculus* (house mouse) ]

**Official Symbol** Cdc16

**Synonyms** CDC16; CDC16 cell division cycle 16 homolog (*S. cerevisiae*); cell division cycle protein 16 homolog; cyclosome subunit 6; anaphase-promoting complex subunit 6; APC6; 2700071J12Rik; 2810431D22Rik

**Gene ID** 69957

**mRNA Refseq** NM\_027276

**Protein Refseq** NP\_081552

**UniProt ID** Q8R349

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