

Recombinant Mouse Cdc16 Protein, Myc/DDK-tagged

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

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length CDC16 cell division cycle 16 (Cdc16), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	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.
Molecular Mass	71.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade after receiving vials.
Concentration	>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 [<i>Mus musculus</i> (house mouse)]
Official Symbol	Cdc16
Synonyms	CDC16; CDC16 cell division cycle 16 homolog (<i>S. cerevisiae</i>); 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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