Recombinant Mouse Anapc11 Protein, Myc/DDK-tagged

Cat. No. Anapc11-1620M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Purified recombinant protein of mouse full-length anaphase promoting complex subunit 11 (Anapc11), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Mouse
Source	HEK293
Description	Together with the cullin protein ANAPC2, constitutes the catalytic 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. May recruit the E2 ubiquitin-conjugating enzymes to the complex.
Molecular Mass	9.8 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	Anapc11 anaphase promoting complex subunit 11 [Mus musculus (house mouse)]
Official Symbol	Anapc11
Synonyms	ANAPC11; anaphase promoting complex subunit 11; anaphase-promoting complex subunit 11; APC11; cyclosome subunit 11; anaphase promoting complex subunit 11 homolog; R75218; 1110011I19Rik
Gene ID	66156
mRNA Refseq	NM_025389
Protein Refseq	NP_079665
UniProt ID	Q9CPX9

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