

Recombinant Human ANAPC5 Protein, MYC/DDK-tagged

Cat. No. ANAPC5-2085H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human ANAPC5 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293
Species	Human
Source	HEK293
Description	This gene encodes a tetratricopeptide repeat-containing component of the anaphase promoting complex/cyclosome (APC/C), a large E3 ubiquitin ligase that controls cell cycle progression by targeting a number of cell cycle regulators such as B-type cyclins for 26S proteasome-mediated degradation through ubiquitination. The encoded protein is required for the proper ubiquitination function of APC/C and for the interaction of APC/C with transcription coactivators. It also interacts with polyA binding protein and represses internal ribosome entry site-mediated translation. Multiple transcript variants encoding different isoforms have been found for this gene. These differences cause translation initiation at a downstream AUG and result in a shorter protein (isoform b), compared to isoform a. [provided by RefSeq, Nov 2008].
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	84.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	ANAPC5 anaphase promoting complex subunit 5 [Homo sapiens]
Official Symbol	ANAPC5
Synonyms	APC5; APC5
Gene ID	51433
mRNA Refseq	NM_001137559
Protein Refseq	NP_001131031
MIM	606948
UniProt ID	Q9UJX4

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