

Recombinant Full Length Human ANAPC10 Protein, C-Flag-tagged

Cat. No. ANAPC10-2092HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ANAPC10 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	ANAPC10 is a core subunit of the anaphase-promoting complex (APC), or cyclosome, a ubiquitin protein ligase that is essential for progression through the cell cycle. APC initiates sister chromatid separation by ubiquitinating the anaphase inhibitor securin (PTTG1; MIM 604147) and triggers exit from mitosis by ubiquitinating cyclin B (CCNB1; MIM 123836), the activating subunit of cyclin-dependent kinase-1.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	21.1 kDa
AA Sequence	MTTPNKTPPGADPKQLERTGTVREIGSQAVWSLSSCKPGFGVDQLRDDNLETYWQ SDGSQPHLVNIQFRR KTTVKTLCIYADYKSDESYTPSKISVRVGNNFHNLQEIRQLEL VEPSGWIHVPLTDNHHKKPTRTFMIQIA VLANHQNGRDTHMRQIKIYTPVEESSIGKFP RCTTIDFMMYRSIR TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.

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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.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome
Protein Pathways	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis
Full Length	Full L.

GENE INFORMATION

Gene Name	ANAPC10 anaphase promoting complex subunit 10 [Homo sapiens (human)]
Official Symbol	ANAPC10
Synonyms	DOC1; APC10
Gene ID	10393
mRNA Refseq	NM_014885.5
Protein Refseq	NP_055700.2

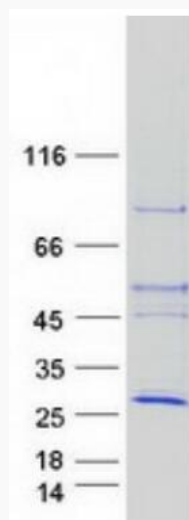
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MIM 613745

UniProt ID Q9UM13



Coomassie blue staining of purified ANAPC10 protein.

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