

Product datasheet for **TP302679M**

Apc10 (ANAPC10) (NM_014885) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human anaphase promoting complex subunit 10 (ANAPC10), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202679 protein sequence Red =Cloning site Green =Tags(s)
	MTTPNKTPPGADPKQLERTGTVREIGSQAVWSLSSCKPGFGVDQLRDDNLETYWQSDGSQPHLVNIQFRR KTTVKTLCIYADYKSDSYTPSKISVRVGNFHNLQEIRQLELVEPSGWIHVPLTDNHHKPTRTFMIQIA VLANHQNGRDTHMRQIKIYTPVEESSIGKFPRTTIDFMMYSIR
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	21.1 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_055700
Locus ID:	10393
UniProt ID:	Q9UM13
RefSeq Size:	1457



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Cytogenetics: 4q31.21

RefSeq ORF: 555

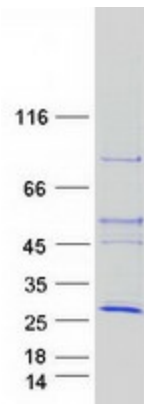
Synonyms: APC10; DOC1

Summary: 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 (CDK1; MIM 116940) (summary by Wendt et al., 2001 [PubMed 11524682]).[supplied by OMIM, Feb 2011]

Protein Families: Druggable Genome

Protein Pathways: Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified ANAPC10 protein (Cat# [TP302679]). The protein was produced from HEK293T cells transfected with ANAPC10 cDNA clone (Cat# [RC202679]) using MegaTran 2.0 (Cat# [TT210002]).