

Product datasheet for TP510311

Anapc5 (NM_001042491) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse anaphase-promoting complex subunit 5 (Anapc5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR210311 protein sequence Red=Cloning site Green=Tags(s)

MMTNGVWHANLFGIKDWVTPYKIAVLVLLNEMGRTGEGAVSLVERRKLNQLLLPLQGPDITLSKLYKLI
EESCPQLANSVQIRIKLMAEGELKDMEQFFDDLSDSFSGTEPEVHKTSVGLFLRHMILAYSKLSFSQVF
KLYTALQQYFQNGEKKTVEDADMREDGKQMEKEELDVSVEEVSCSGPLSQKQAEFFLSQQAALLKN
DETKALTPASLQKELNLLKFNPDFAEAHLSYLNLRVQDVFSSTHLLHYFDRILITGAEGKSNNGEEG
YGRSLRYAALNLAALHCRFGHYQQAELALQEAIRIAQESNDHVCLQHCLSWLYVLGQKRADSYVLEHSV
KKAVHFGLPRAFAGKTANKLMDALKDSDLHWKHSLSLIDISIAQKTAIWRLYGRSTMALQQAQMLLSM
NSLESLNAGVQQNNTESFAVALCHLAELHAEQGCFAAAGEVLKHLKDRFPPNSQHAQLWMLCDQKIQFDR
AMNDGKFHLADSLVTGITALNGIEGVYRKAVWLQAQNMTEAHKLLQKLLTYCQKLNTEMVISVLLSVA
ELYWRSSPTIAMPVLEALALSKEYRLQYLASETVLNLAYAQLILGIPEQALTLHMAIEPILADGAIL
DKGRAMFLVSKCQVASAASYDPVKKAEALEAAVQNLSEAKNYFAQVDCRERIRDVAYFQARLYHALGKTQ
ERNHCAMIFRQLHQELPAHGVPLINHL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	81.7 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
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 after receiving vials.



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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.
RefSeq:	NP_001035956
Locus ID:	59008
UniProt ID:	Q8BTZ4 , Q3UFC2
RefSeq Size:	2751
Cytogenetics:	5 F
RefSeq ORF:	2184
Synonyms:	2510006G12Rik; AA408751; AA536819; AA986414; Anpc5; APC5
Summary:	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 (By similarity). [UniProtKB/Swiss-Prot Function]