

Product datasheet for **TP319871L**

Apc7 (ANAPC7) (NM_016238) Human Recombinant Protein

Product data:

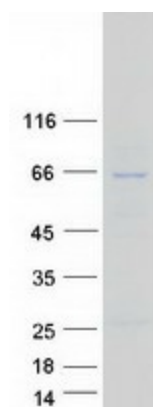
Product Type:	Recombinant Proteins
Description:	Recombinant protein of human anaphase promoting complex subunit 7 (ANAPC7), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC219871 representing NM_016238 Red =Cloning site Green =Tags(s)
	MNVIDHVRDMAAAGLHSNVRLSSLLLTMSNNNPELFSPPQKYQLLVYHADSLFHDKEYRNAVSKYTMAL QQKKALSKTSKVRPSTGNSASTPQSQCPLPSEIEVKYKMAECYTMLKQDKDAIILDGIPSRQRTPKINMM LANLYKKAGRERPSVTSYKEVLRQCPLALDAILGLLSLSVKGAEVASMTMNVIQTPNLDWLSVWIKAYA FVHTGDNSRAISTICSLKKSLLRDNDVLLGSLADLYFRAGDNKNSVLKFEQAQMLDLYLIKGMDEVYGYL LAREGRLEDVENLGCRLFNISDQHAEPWVWSGCHSFYSKRYSRALYLGAKAIQLNSNSVQALLLKGAALR NMGRVQEAIHFREAIRLAPCRLDCYEGLIECYLASNSIREAMVMANNVYKTLGANAQTLTLLATVCLD PVTQEAKATLLDKALTQRPDIKAVVKAELLSREQKYEDGIALLRNALANQSDCVLHRILGDFLAVNE YQEAMDQYSIALSLDPNDQKSLEGMQKMEEESPTDATQEEDVDDMEGSGEEDLEGSDSEAAQWADQEQ WFGMQ
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	63 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.



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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_057322
Locus ID:	51434
UniProt ID:	Q9UJX3 , Q4KMX6 , A0A024RBJ3 , Q69YV3
RefSeq Size:	3070
Cytogenetics:	12q24.11
RefSeq ORF:	1695
Synonyms:	APC7
Summary:	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 proper protein ubiquitination function of APC/C and for the interaction of APC/C with certain transcription coactivators. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Nov 2008]
Protein Families:	Druggable Genome
Protein Pathways:	Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation, Ubiquitin mediated proteolysis

Product images:



Coomassie blue staining of purified ANAPC7 protein (Cat# [TP319871]). The protein was produced from HEK293T cells transfected with ANAPC7 cDNA clone (Cat# [RC219871]) using MegaTran 2.0 (Cat# [TT210002]).