

## Product datasheet for TP319871

### Apc7 (ANAPC7) (NM\_016238) Human Recombinant Protein

#### Product data:

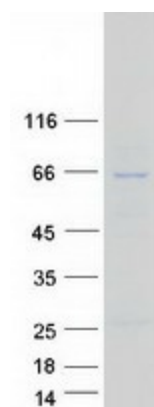
<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	Recombinant protein of human anaphase promoting complex subunit 7 (ANAPC7), transcript variant 1, 20 µg
<b>Species:</b>	Human
<b>Expression Host:</b>	HEK293T
<b>Expression cDNA Clone or AA Sequence:</b>	>RC219871 representing NM_016238 <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MNVIDHVRDMAAAGLHSNVRLSSLLLTMSNNNPELFSPPQKYQLLVYHADSLFHDKEYRNAVSKYTMAL QQKKALSKTSKVRPSTGNSASTPQSQCPLPSEIEVKYKMAECYTMKQDKDAIILDGIPSRQRTPKINMM LANLYKKAGRERPSVTSYKEVLRQCPLALDAILGLLSLSVKGAEVASMTMNVIQTVPNLDWLSVWIKAYA FVHTGDNSRAISTICSLLEKSLLRDNVDLLGSLADLYFRAGDNKNSVLKFEQAQMLDLYLIKGMDEVYGYL LAREGRLEDVENLGCRLFNISDQHAEPWVWVGCHSFYSKRYSRALYLGAKAIQLNSNSVQALLLKGAALR NMGRVQEAIHFREAIRLAPCRLDCYEGLIECYLASNSIREAMVMANNVYKTLGANAQTLTLLATVCLD PVTQEAKATLLDKALTQRPDIKAVVKAELLSREQKYEDGIALLRNALANQSDCVLHRILGDFLVAVNE YQEAMDQYSIALSLDPNDQKSLEGMQKMEKEESPTDATQEEDVDDMEGSGEEDLEGSDSEAAQWADQEQ WFGMQ
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
<b>Tag:</b>	C-Myc/DDK
<b>Predicted MW:</b>	63 kDa
<b>Concentration:</b>	>0.05 µg/µL as determined by microplate BCA method
<b>Purity:</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Buffer:</b>	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
<b>Preparation:</b>	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C.



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<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_057322</a>
<b>Locus ID:</b>	51434
<b>UniProt ID:</b>	<a href="#">Q9UJX3</a> , <a href="#">Q4KMX6</a> , <a href="#">A0A024RBJ3</a> , <a href="#">Q69YV3</a>
<b>RefSeq Size:</b>	3070
<b>Cytogenetics:</b>	12q24.11
<b>RefSeq ORF:</b>	1695
<b>Synonyms:</b>	APC7
<b>Summary:</b>	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]
<b>Protein Families:</b>	Druggable Genome
<b>Protein Pathways:</b>	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]).