

Recombinant Human ANAPC7 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANAPC7-3228H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANAPC7 MS Standard C13 and N15-labeled recombinant protein (NP_057322) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	63.2 kDa
AA Sequence	MNVIDHVRDMAAAGLHSNVRLSSLLLTMSNNNPELFSPPQKYQLLVYHADSLFHDK EYRNAVSKYTMALQKKALKSKTSKVRPSTGNSASTPQSQCPLPSEIEVKYKMAECYT MLKQDKDAIAILDGIPSRQRTPKINMMLANLYKKAGRERPSVTSYKEVLRQCPLALDA ILGLLSLSVKGAEVASMTMNVIQTPNLDWLSVWIKAYAFVHTGDNSRAISTICSLEK KSLLRDNVDLLGSLADLYFRAGDNKNSVLKFEQAQMLDLYLIKGMDEVYGYLLAREGR LEDVENLGCRLFNISDQHAEPWVVSCHSFYSKRYSRALYLGAKAIQLNSNSVQALL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

LKGAALRNMGSRVQEAIHFREAIRLAPCRLCDYEGGLIECYLASNSIREAMVMANNVYK
 TLGANAQTLTLLATVLCLEDPVTQEAKATLLDKALTQRPDIKAVVKKAEALLSREQKYE
 DGIALLRNALANQSDCVLHRILGDFLVAVNEYQEAMDQYSIALSLDPNDQKSLEGMQ
 KMEKEESPTDATQEEDVDDMEGSGEEDGLESDSEAAQWADQEQWFGMQTRTR
 PLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ANAPC7 anaphase promoting complex subunit 7 \[Homo sapiens \(human\) \]](#)

Official Symbol [ANAPC7](#)

Synonyms ANAPC7; anaphase promoting complex subunit 7; anaphase-promoting complex subunit 7; APC7; cyclosome subunit 7;

Gene ID [51434](#)

mRNA Refseq [NM_016238](#)

Protein Refseq [NP_057322](#)

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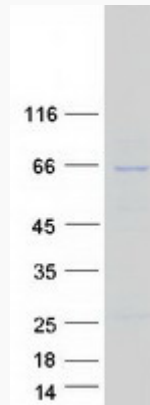
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MIM 606949

UniProt ID Q9UJX3

SDS-PAGE



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