

Recombinant Full Length Human ANAPC7 Protein, GST-tagged

Cat. No. ANAPC7-1286HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANAPC7 full-length ORF (BAG51054.1, 1 a.a. - 503 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	503 amino acids
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. [provided by RefSeq, Nov 2008]
Molecular Mass	82.7 kDa
AA Sequence	MNVIDHVRDM AAAGLHSNVR LLSSLLLTMS NNNPELFSPP QKYQLLVYHA DSLFHDKEYR NAVSKYTMAL QQKKALSKTS KVRPSTGNSA STPQSQCLPS EIEVKYKMAE CYTMLKQDKD AAILDGIPS RQRTPKINMM LANLYKKAGQ ERPSVTSYKE VLRQCPLALD AILGLLSLSV KGAEVASMTM NVIQTPVNL D

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WLSVWIKAYA FVHTGDNRA ISTICSLEKK SLLRDNDLL GSLADLYFRA
 GDNKNSVLKF EQAQMLDPYL IKGMDVYGYL LAREGRLEDV ENLGCRLFNI
 SDQHAEPWVW SGCHSFYSKR YSRALYLGAK AIQLNSNSVQ ALLLKGAALR
 NMGRVQEAIL HFREAIRLAP CRLDCYEGLI ECVLASNSIR EAMVMANNVY
 KTLGANAQTL TLLATVCLED PVTQEAKATL FDKALTQRPD YIKAVVKKAE
 LLSREQKYED GIALLRNALA NQSDCVLHRI LGDFLVAVNE YQEAMDQYSI ALR

Applications

Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein);
 Antibody Production; Protein Array

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION
Gene Name

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

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_001137664](#)

Protein Refseq

[NP_001131136](#)

MIM

[606949](#)

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UniProt ID

Q9UJX3

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