

# Recombinant Full Length Human ANAPC7 Protein, GST-tagged

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

## SPECIFICATION

<b>Product Overview</b>	Human ANAPC7 full-length ORF (BAG51054.1, 1 a.a. - 503 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	503 amino acids
<b>Description</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>Molecular Mass</b>	82.7 kDa
<b>AA Sequence</b>	MNVIDHVRDM AAAGLHSNVR LLSSLLLTMS NNNPELFSPP QKYQLLVYHA DSLFHDKEYR NAVSKYTMAL QQKKALSKTS KVRPSTGNSA STPQSQCLPS EIEVKYKMAE CYTMLKQDKD AAILDGIPS RQRTPKINMM LANLYKKAGQ ERPSVTSYKE VLRQCPLALD AILGLLSLSV KGAEVASMTM NVIQTVPNLD

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WLSVWIKAYA FVHTGDNSRA ISTICSLEKK SLLRDNDLL GSLADLYFRA  
 GDNKNSVLKF EQAQMLDPYL IKGMDVYGYL LAREGRLEDV ENLGCRLFNI  
 SDQHAEPWVV SGCHSFYSKR YSRALYLGAK AIQLNSNSVQ ALLLKGAALR  
 NMGRVQEAIL HFREAIRLAP CRLDCYEGLI ECYLASNSIR 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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