

Recombinant Human ANAPC7 protein, GST-tagged

Cat. No. ANAPC7-547H 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	Wheat Germ
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	MNVIDHVRDMAAAGLHSNVRLSSLLLTMSNNNPELFSPPQKYQLLVYHADSLFHDK EYRNAVSKYTMALQKKALKSKTSKVRPSTGNSASTPQSQCPLPSEIEVKYKMAECYT MLKQDKDAIAILDGIPSRQRTPKINMMLANLYKKAGQERPSVTSYKEVLRQCPLALDA ILGLLSLSVKGAEVASMTMNVIQTPNLDWLSVWIKAYAFVHTGDNSRAISTICSLEK KSLLRDNVDLLGSLADLYFRAGDNKNSVLKFEQAQMLDPYLIKGMDEVYGYLLAREG RLEDVENLGCRLFNISDQHAEPWVVSCHSFYSKRYSRALYLGAKAIQLNSNSVQA

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LLKGAALRNMGGRVQEAIHFREAIRLAPCRLCDYEGLIICYLASNSIREAMVMANNV
YKTLGANAQTLTLLATVCLEDPVTQEAKATLFDKALTQRPDIKAVVKKAELLSREQK
YEDGIALLRNALANQSDCVLHRILGDFLVAVNEYQEAMDQYSIALR

Applications

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

Notes

Best use within three months from the date of receipt of this protein.

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](#)

UniProt ID

[Q9UJX3](#)

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