

Recombinant Human ANAPC2 protein, GST-tagged

Cat. No. ANAPC2-544H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANAPC2 full-length ORF (AAH32503, 1 a.a. - 822 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	A large protein complex, termed the anaphase-promoting complex (APC), or the cyclosome, promotes metaphase-anaphase transition by ubiquitinating its specific substrates such as mitotic cyclins and anaphase inhibitor, which are subsequently degraded by the 26S proteasome. Biochemical studies have shown that the vertebrate APC contains eight subunits. The composition of the APC is highly conserved in organisms from yeast to humans. The product of this gene is a component of the complex and shares sequence similarity with a recently identified family of proteins called cullins, which may also be involved in ubiquitin-mediated degradation. [provided by RefSeq, Jul 2008]
Molecular Mass	116.05 kDa
AA Sequence	MAAAVVVAEGDSDSRPGQELLVAWNTVSTGLVPPAALGLVSSRTSGAVPPKEEELR AAVEVLRGHLHSVLEEFVVEVLQNDLQANISPEFWNAISQCENSADEPQCLLLLD AFGLLESRLDPYLRSLLELLEKWTRLGLLMGTTGAQGLREEVHTMLRGVLEFFSTPRTFQ EMIQRLYGCFLRVYMQSKRKGEGGTDPELEGELDSRYARRRYRLLQSPLCAGCS SDKQQCWCRQALEQFHQLSQVLHRLSLLERVSAEAVTTTLHQVTRERMEDRCRGE

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YERSFLREFHKWIERVVGWLGKVFLQDGPASPASPEAGNTLRRWRCHVQRFFFYRI
 YASLRIEELFSIVRDFPDSRPAIEDLKYCLERTDQRQQLLVSLKAALETROLLHPGVNTC
 DIITLYISAIKALRVLDPSMVILEVACEPIRRYLRTREDTVRQIVAGLTGSDSGTGD LAV
 ELSKTDPASLETGQDSEDDSGEPEDWVPDPVDADPGKSSSKRRSSDIISLLVSIYGS
 KDLFINEYRSLLADRLLHQFSFSPEREIRNVELLKLRFG EAPMHFCEVMLKDMADSR
 RINANIREEDEKRPAAEQPPFGVYAVILSSEFWPPFKDEKLEVPEDIRAALEAYCKKY
 EQLKAMRTLSWKHTLGLVTMDVELADRTLSVAVTPVQAVILLYFQDQASWTLEELSK
 AVKMPVALLRRRMSVWLQQGVLREEPPGTFSVIEEERPQDRDNMVLIDSDDES DS
 GMASQADQKEEELLLFWTYIQAMLTNLESLSLDRIYNMLRMFVVTGPALAEIDLQEL
 QGYLQKKVRDQQLVYSAGVYRLPKNCS

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

ANAPC2 anaphase promoting complex subunit 2 [Homo sapiens]

Official Symbol

ANAPC2

Synonyms

ANAPC2; anaphase promoting complex subunit 2; anaphase-promoting complex
 subunit 2; APC2; KIAA1406; cyclosome subunit 2; RP11-350O14.5;

Gene ID

29882

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mRNA Refseq	NM_013366
Protein Refseq	NP_037498
MIM	606946
UniProt ID	Q9UJX6

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