

Recombinant Human ANAPC1, His-tagged

Cat. No. ANAPC1-9633H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANAPC1 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-349a.a.
Description	This gene encodes a subunit of the anaphase-promoting complex. This complex is an E3 ubiquitin ligase that regulates progression through the metaphase to anaphase portion of the cell cycle by ubiquitinating proteins which targets them for degradation.
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

Gene Name	ANAPC1 anaphase promoting complex subunit 1 [Homo sapiens]
Official Symbol	ANAPC1

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Synonyms	ANAPC1; anaphase promoting complex subunit 1; anaphase-promoting complex subunit 1; APC1; MCPR; TSG24; cyclosome subunit 1; mitotic checkpoint regulator; testis-specific gene 24 protein; anaphase-promoting complex 1 (meiotic checkpoint regulator);
Gene ID	64682
mRNA Refseq	NM_022662
Protein Refseq	NP_073153
MIM	608473
UniProt ID	Q9H1A4
Chromosome Location	2q12.1
Pathway	APC/C complex, organism-specific biosystem; APC/C complex, conserved biosystem; APC/C-mediated degradation of cell cycle proteins, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Cyclin B, organism-specific biosystem; APC/C:Cdc20 mediated degradation of Securin, organism-specific biosystem; APC/C:Cdc20 mediated degradation of mitotic proteins, organism-specific biosystem; APC/C:Cdh1 mediated degradation of Cdc20 and other APC/C:Cdh1 targeted proteins in late mitosis/early G1, organism-specific biosystem;