Recombinant Human ANAPC7, GST-tagged

Cat. No. ANAPC7-9640H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ANAPC7 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-term-302a.a.
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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

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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
Chromosome Location	12q13.12
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;
Function	binding; protein phosphatase binding;

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