Recombinant Human ANAPC4 cell lysate

Cat. No. ANAPC4-73HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
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 exact function of this gene product is not known.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ANAPC4 anaphase promoting complex subunit 4 [Homo sapiens]
Official Symbol	ANAPC4
Synonyms	ANAPC4; anaphase promoting complex subunit 4; anaphase-promoting complex

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	subunit 4; APC4; cyclosome subunit 4;
Gene ID	29945
mRNA Refseq	NM_013367
Protein Refseq	NP_037499
MIM	606947
UniProt ID	Q9UJX5
Chromosome Location	4p15.31
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	protein phosphatase binding; ubiquitin-protein ligase activity;

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