

Recombinant Full Length Human ANAPC10 Protein, GST-tagged

Cat. No. ANAPC10-1120HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ANAPC10 full-length ORF (AAH05217.1, 1 a.a. - 185 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	185 amino acids
Description	ANAPC10 is a core subunit of the anaphase-promoting complex (APC), or cyclosome, a ubiquitin protein ligase that is essential for progression through the cell cycle. APC initiates sister chromatid separation by ubiquitinating the anaphase inhibitor securin (PTTG1; MIM 604147) and triggers exit from mitosis by ubiquitinating cyclin B (CCNB1; MIM 123836), the activating subunit of cyclin-dependent kinase-1 (CDK1; MIM 116940) (summary by Wendt et al., 2001 [PubMed 11524682]).[supplied by OMIM, Feb 2011]
Molecular Mass	47.7 kDa
AA Sequence	MTTPNKTPPG ADPKQLERTG TVREIGSQAV WSLSSCKPGF GVDQLRDDNL ETYWQSDGSQ PHLVNIQFRR KTTVKTLCIY ADYKSDESYT PSKISVRVGN NFHNLQEIRQ LELVEPSGWI HVPLTDNHKK PTRTFMIQIA VLANHQNGRD THMRQIKIYT PVEESSIGKF PRCTTIDFMM YRSIR

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Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
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	ANAPC10 anaphase promoting complex subunit 10 [Homo sapiens]
Official Symbol	ANAPC10
Synonyms	ANAPC10; anaphase promoting complex subunit 10; anaphase-promoting complex subunit 10; APC10; DKFZP564L0562; DOC1; cyclosome subunit 10; DKFZp564L0562
Gene ID	10393
mRNA Refseq	NM_001256706
Protein Refseq	NP_001243635
MIM	613745
UniProt ID	Q9UM13

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