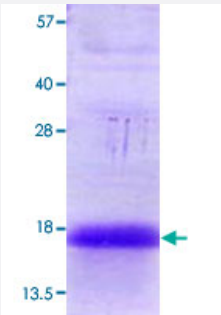
Full-Length

ANAPC13 (Human) Recombinant Protein

Catalog # P5847 Size 50 ug

Applications



Specification

Product Description	Human ANAPC13 (NP_056206, 1 a.a. - 74 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MASMTGGQQMGRGSHMDSEVQRDGRILDLIDDAWREDKLPYEDVAIPLNELPEPEQDNGGTTESVKEQEMKWTDLALQYLHENVPPIGN
Host	Escherichia coli
Theoretical MW (kDa)	10
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purity	> 90% by SDS - PAGE
Quality Control Testing	3 ug/lane in 15% SDS-PAGE Stained with Coomassie Blue. Due to the protein nature, dimmers and multimers may be observed.
Storage Buffer	In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (20% glycerol, 1 mM DTT).
Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

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Applications

- SDS-PAGE

Gene Info — ANAPC13

Entrez GeneID	25847
Gene Name	ANAPC13
Gene Alias	APC13, DKFZp566D193, SWM1
Gene Description	anaphase promoting complex subunit 13
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a component of the anaphase promoting complex, a large ubiquitin-protein lig ase that controls cell cycle progression by regulating the degradation of cell cycle regulators such as B-type cyclins. The encoded protein is evolutionarily conserved and is required for the integrity and ubiquitin ligase activity of the anaphase promoting complex. Pseudogenes and splice variant s have been found for this gene; however, the biological validity of some of the splice variants has not been determined. [provided by RefSeq
Other Designations	cyclosome subunit 13|homolog of yeast Swm1

Pathway

- Cell cycle
- Ubiquitin mediated proteolysis

Disease

- Crohn Disease
- Diabetes Mellitus
- Genetic Predisposition to Disease
- Growth Disorders

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