

# Recombinant human ANAPC13 protein

Catalog Number: ATGP1409

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-74aa

### UniProt No.

Q9BS18

### NCBI Accession No.

NP\_056206

### Alternative Names

Anaphase-promoting complex subunit 13, APC13, SWM1

## PRODUCT SPECIFICATION

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### Molecular Weight

10 kDa (89aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 20% glycerol, 1mM DTT, 0.1M NaCl

### Purity

> 90% by SDS-PAGE

### Tag

T7-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

ANAPC13, also known as anaphase-promoting complex subunit 13, is component of the anaphase promoting complex, a large ubiquitin-protein ligase that controls cell cycle progression by regulating the degradation of cell cycle regulators such as B-type cyclins. This protein is evolutionarily conserved and is required for the integrity and ubiquitin ligase activity of the anaphase promoting complex. Recombinant human ANAPC13 protein fused to T7-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

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## Amino acid Sequence

MASMTGGQQM GRGSHMDSEV QRDGRILDLI DDAWREDKLP YEDVAIPLNE LPEPEQDNGG TTESVKEQEM  
KWTDLALQYL HENVPPIGN

## General References

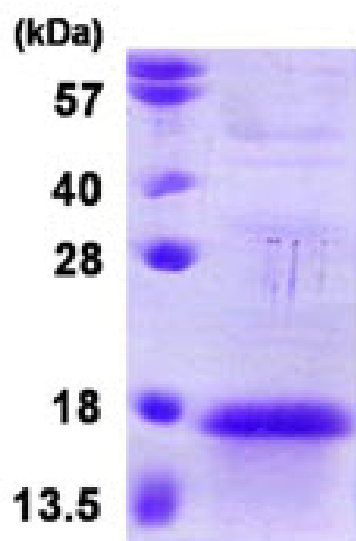
Schwickart M., et al. (2004) Mol. Cell. Biol. 24:3562-3576

Jin L., et al. (2008) Cell. 133:653-665

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)