

Datasheet for ABIN7552196
ANAPC5 Protein (AA 1-755) (His tag)



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Overview

Quantity:	1 mg
Target:	ANAPC5
Protein Characteristics:	AA 1-755
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANAPC5 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat ANAPC5 Protein expressed in mammalian cells.
Sequence:	MASVHESLYF NPMMTNGVVH ANVFGIKDWV TPYKIAVLVL LNEMSRTGEG AVSLMERRRL NQLLLPLLQG PDITLSKLYK LIEESCPQLA NSVQIRIKLM AEGELKDMEQ FFDDLSDSFS GTEPEVHKTS VVGLFLRHMI LAYSKLSFSQ VFKLYTALQQ YFQNGEKKT V EDADMELTSR DEGERKMEKE ELDVSVREEE VSCSGPLSQK QAEFFLSQQA SLLKNDETKA LTPASLQKEL NNLLKFNPDF AEAHYLSYLN NLRVQDV FSS THSLLHYFDR LILTGAESKS NGEEGYGRSL RYAALNLAAL HCRFGHYQQA ELALQEAIRI AQESNDHVCL QHCLSWLYVL GQKRSDSYVL LEHSVKKAVH FGLPYLASLG IQSLVQQRAF AGKTANKLMD ALKDSDLLHW KHLSSELIDI SIAQKTAIWR LYGRSTMALQ QAQMLLSMNS LEAVNAGVQQ NNTESFAVAL CHLAELHAEQ GCFAAASEVL KHLKERFPPN SQHAQLWMLC DQKIQFDRAM NDGKYHLADS LVTGITALNS IEGVYRKAVV LQAQNMSEA HKLLQKLLVH CQKLNTEMV ISVLLSVAEL YWRSSSPTIA LPMLLQALAL SKEYRLQYLA SETVLNLAFA QLILGIPEQA LSLHMAIEP ILADGAILDK

Product Details

GRAMFLVAKC QVASAASYDQ PKKAEALEAA IENLNKAKNY FAKVDCKERI RDVVFQARL
YHTLGKTQER NRCAMLFRL HQELPSHGVP LINHL **Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

Characteristics:

Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:

> 90 % as determined by Bis-Tris Page, Western Blot

Grade:

custom-made

Target Details

Target:

ANAPC5

Alternative Name:

ANAPC5 ([ANAPC5 Products](#))

Background:

Anaphase-promoting complex subunit 5 (APC5) (Cyclosome subunit 5),FUNCTION: Component of the anaphase promoting complex/cyclosome (APC/C), a cell cycle-regulated E3 ubiquitin ligase that controls progression through mitosis and the G1 phase of the cell cycle. The APC/C complex acts by mediating ubiquitination and subsequent degradation of target proteins: it mainly mediates the formation of 'Lys-11'-linked polyubiquitin chains and, to a lower extent, the formation of 'Lys-48'- and 'Lys-63'-linked polyubiquitin chains. {ECO:0000269|PubMed:18485873}.

Molecular Weight:

85.1 kDa

Target Details

UniProt: [Q9UJX4](#)

Pathways: [M Phase](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
