

Datasheet for ABIN7564793

ANAPC4 Protein (AA 1-807) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	ANAPC4
Protein Characteristics:	AA 1-807
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANAPC4 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Anapc4 Protein expressed in mammalian cells.
Sequence:	<p>MLRFPTCFPS FRVVGKQLP QEIIFLAWSP KRDLIALANT TGEVLLHRLA SFHRVWSFPP</p> <p>NESTGKEVTC LAWRPDGKLL AFALADTKKI ILCDVEKPES LHSFSVEAPV SCMHWTEVTV</p> <p>ESSVLTSFYN AEDESNNLLP KLPTLPKNYN STSKIFSEEN SDEIKLLGD VRLNILVLGG</p> <p>SSGFIELYAY GMFKIARVTG IAGTCIALCL SSDLKSLSVV TEVSSGGGESE VSYFQLETNL</p> <p>LYSFLPEVTR MARKFTHISA LLQYINLSLT CMCEAWEEIL MQMDSRLTKF VQEKPTTTSV</p> <p>QDEFMHLLW GKASAEQLTL LMNQLTVKGL KKLQSQSISS YSSIQLVIS HLQSGSESL</p> <p>YHLSKLGMA SWKQKYEPLG LDAAGIEDAI TAVGSFILKA NELLQVIDSS MKNFKAFFRW</p> <p>LYVAMLRMTE DHVLPENLKM TQKDITFAE FLTEHFNEAP DLYNRKGKYF NVERVGQYLK</p> <p>DEDDDLVSPN NTEGNQWYDF LQNSTHLKES PLLFPYYPRK SLHFVKRRME NVIDQCLQKP</p> <p>ADVIGRSMNQ AICIPLYKDA RSMDCARRLL KFPFLWNNKT SNLHYLLFTI LEDSVYKMC</p> <p>LRRHTDISQS VSNGLIGIKF GSFTSASADK VRRSSYSCLD AQFYDDETVT VILKDSMGRE</p>

GRDRILVQLS LSLVYNSEDS DEYEFTGSYS TRLDEQGSII PTRTMHFEKH WRLLSMRAQ
YVAGNGLRKV SCVLSSNLRH VRFEMDIDD EWEIDESSDD EEEAGGKPKV KKEEVlseSE
TEAHQDAAAL DPDVVIKVEK LDPELDS **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:	<p>Key Benefits:</p> <ul style="list-style-type: none">• 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). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
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Grade:	custom-made
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Target Details

Target:	ANAPC4
Alternative Name:	Anapc4 (ANAPC4 Products)
Background:	Anaphase-promoting complex subunit 4 (APC4) (Cyclosome subunit 4),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 (By similarity). {ECO:0000250}.
Molecular Weight:	91.7 kDa

Target Details

UniProt: [Q91W96](#)

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