

Datasheet for ABIN7553158
CDC16 Protein (AA 1-620) (His tag)



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Overview

Quantity:	1 mg
Target:	CDC16
Protein Characteristics:	AA 1-620
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC16 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CDC16 Protein expressed in mammalian cells.
Sequence:	MNLRLRKRKRV RQYLDQQQYQ SALFWADKVA SLSREEPQDI YWLAQCLYLT AQYHRAAHAL RSRKLDKLYE ACRYLAARCH YAAKEHQAL DVLDMEEPIN KRLFEEKYKLD ESGFKDPSSD WEMSQSSIKS SICLLRGKIY DALDNRTLAT YSYKEALKLD VYCFEAFDLL TSHHMLTAQE EKELLESPL SKLCNEEQEL LRFLFENKLY KYNKPSETVI PESVDGLQEN LDVVVSLAER HYYNCDFKMC YKLTSSVMEK DPFHASCLPV HIGTLVELNK ANELFYLSHK LVDLYPSNPV SWFAVGCYYL MVGHKNEHAR RYLSKATTLE KTYGPAWIAY GHSFAVESEH DQAMAAYFTA AQLMKGCHLP MLYIGLEYGL TNNSKLAERF FSQALSIAPE DPFVMHEVGV VAFQNGEWKT AEKWFLDALE KIKAIGNEVT VDKWEPLLNN LGHVCRKLLK YAEALDYHRQ ALVLIPQNAS TYSAYGIHS LMGNFENAVID YFHTALGLRR DDTFSVTMLG HCIEMYIGDS EAYIGADIKD KLCYDFDVH TMKTLKNIIS PPWDFREFEV EKQTAETGL TPLETSRKTP DSRPSLEETF EIMNESDMM LETSMSDHST 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:

CDC16

Alternative Name:

CDC16 ([CDC16 Products](#))

Background:

Cell division cycle protein 16 homolog (Anaphase-promoting complex subunit 6) (APC6) (CDC16 homolog) (CDC16Hs) (Cyclosome subunit 6),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:

71.7 kDa

UniProt:

[Q13042](#)

Pathways:

[Regulation of Actin Filament Polymerization](#)

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
