

Datasheet for ABIN7553086  
**CDC14A Protein (AA 1-594) (His tag)**



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## Overview

Quantity:	1 mg
Target:	CDC14A
Protein Characteristics:	AA 1-594
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDC14A protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat CDC14A Protein expressed in mammalian cells.
Sequence:	<p>MAAESGELIG ACEFMKDRLY FATLRNRPKS TVNTHYFSID EELVYENFYA DFGPLNLAMV          YRYCCKLNKK LKSYSLSRKK IVHYTCFDQR KRANAFLIG AYAVIYLKKT PEEAYRALLS          GSNPPYLPFR DASFGNCTYN LTILDCLQGI RKGLQHGFDD FETFDVDEYE HYERVENGDF          NWIVPGKFLA FSGPHPKSKI ENGYPLHAPE AYFPYFKKHV VTAVVRLNKK IYEAKRFTDA          GFEHYDLFFI DGSTPSDNIV RRFLNICENT EGAIHVHCKA GLGRTGLIA CYVMKHYRFT          HAEIIAWIRI CRPGSIIGPQ QHFLEEKQAS LWVQGDIFRS KLKNRPSSEG SINKILSGLD          DMSIGGNLSK TQNMERFGED NLEDDDVEMK NGITQGDCLR ALKSQRQPRT SPSCAFRSDD          TKGHPRAVSQ PFRLSSSLQG SAVTLKTSKM ALSPSATAKR INRTSLSSGA TVRSFSINSR          LASSLGNLNA ATDDPENKKT SSSSKAGFTA SPFTNLLNGS SQPTTRNYPE LNNNQYNRSS          NSNGGNLNSP PGPHSAKTEE HTTILRPSYT GLSSSSARFL SRSIPSLQSE YVHY <b>Sequence</b>  <b>without tag. The proposed Purification-Tag is based on experiences with the expression</b></p>

**system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.**

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### 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.

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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

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### Target:

CDC14A

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### Alternative Name:

CDC14A ([CDC14A Products](#))

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### Background:

Dual specificity protein phosphatase CDC14A (EC 3.1.3.16) (EC 3.1.3.48) (CDC14 cell division cycle 14 homolog A),FUNCTION: Dual-specificity phosphatase. Required for centrosome separation and productive cytokinesis during cell division. Dephosphorylates SIRT2 around early anaphase. May dephosphorylate the APC subunit FZR1/CDH1, thereby promoting APC-FZR1 dependent degradation of mitotic cyclins and subsequent exit from mitosis. Required for normal hearing (PubMed:29293958). {ECO:0000269|PubMed:11901424, ECO:0000269|PubMed:12134069, ECO:0000269|PubMed:17488717, ECO:0000269|PubMed:29293958, ECO:0000269|PubMed:9367992}.

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### Molecular Weight:

66.6 kDa

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### UniProt:

[Q9UNH5](#)

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## Application Details

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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.

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Restrictions: For Research Use only

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## Handling

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Format: Liquid

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

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Handling Advice: Avoid repeated freeze-thaw cycles.

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Storage: -80 °C

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Storage Comment: Store at -80°C.

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Expiry Date: 12 months

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