

Datasheet for ABIN7557915
CDC14A Protein (AA 1-603) (His tag)



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Overview

Quantity:	1 mg
Target:	CDC14A
Protein Characteristics:	AA 1-603
Origin:	Mouse
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 mammalien cells.
Sequence:	MAAESGELIG ACEFMKDRLY FATLRNRPKS TINIHYSID EELVYENFYA DFGPLNLMV YRYCCKLNKK LKSYSLRKK IVHYTSFDQR KRANAFLIG AYAVIYLKKT PEEAYRALLS GSNPPYLPFR DASFGNCTYN LTVLDCLQGI RKGLQHGFDD FETFDAEEYE HYERVENGDF NWIVPGKFLA FSGPHPKSKI ENGYPLHAPE AYFPYFKKNN VTTIVRLNKK IYEAKRFTDA GFEHYDLFFI DGSTPSDNIV RRFLNICENT EGAIHVHCKA GLGRTGLIA CYVMKHYRFT HAEIIAWIRI CRPGSIIGPQ QHFLKEKQAS LWVQGDIFRS KLKNRPSSEG SITKIISTLD DMSIGANLSK LQSTERIGEN NFEDEDMEIK NNVTQGDKLR ALKSQRHPRS SPSCAFRSDD MKGHQRAMAQ TFRLLSSSPQP TMSTMKTSKV CLSPSVTAKK ISRGLSSGA NIRSFSINSR LASSLGNLNA GTEEPETKKT TSLTKAAFIA SPFTSFLNGS TQTPGRNYPE LNNNQYTRSS NSNSSSSSSG LGGNLNSSPV PQSAKPEEHT TILRPSFPGS LSSSSVRFLS RSIPSLQSEY VHY 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:

CDC14A

Alternative Name:

Cdc14a ([CDC14A Products](#))

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 (By similarity). Required for normal hearing (PubMed:29293958).
{ECO:0000250|UniProtKB:Q9UNH5, ECO:0000269|PubMed:29293958}.

Molecular Weight:

67.6 kDa

UniProt:

[Q6GQT0](#)

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
