

Datasheet for ABIN7549346

Multicilin Protein (AA 1-385) (His tag)



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Overview

Quantity:	1 mg
Target:	Multicilin (MCIDAS)
Protein Characteristics:	AA 1-385
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Multicilin protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat MCIDAS Protein expressed in mammalien cells.
Sequence:	<p>MQACGGGAAG RRAFDSICPN RMLALPGRAL LCKPGKPERK FAPPRKFFPG CTGGSPVSVY EDPPDAEPTA LPALTTIDLQ DLADCSLLG SDAPPGDLA ASQNHSHQTE ADFNLQDFRD TVDDLISDSS SMMSPTLASG DFPFSPCDIS PFGPCLSPPL DPRALQSPPL RPPDVPPPEQ YWKEVADQNN RALGDALVEN NQLHVTLTQK QEEIASLKER NVQLKELASR TRHLASVLDK LMITQSRDCG AAAEPFLLKA KAKRSLEELV SAAGQDCAEV DAILREISER CDEALQSRDP KRPRLLPEPA NTDTRPGNLH GAFRGLRTDC SRSALNLSHS ELEEKGSFST RIRSHSTIRT LAFPQGNAFT IRTANGGYKF RWVPS 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.</p>
Characteristics:	Key Benefits:

Product Details

- 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
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Grade:	custom-made
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Target Details

Target:	Multicilin (MCIDAS)
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Alternative Name:	MCIDAS (MCIDAS Products)
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Background:	Multicilin (Multiciliate differentiation and DNA synthesis-associated cell cycle protein) (Mcidas protein) (Protein Idas),FUNCTION: Transcription regulator specifically required for multiciliate cell differentiation (PubMed:25048963). Acts in a multiprotein complex containing E2F4 and E2F5 that binds and activates genes required for centriole biogenesis. Required for the deuterosome-mediated acentriolar pathway (PubMed:25048963). Plays a role in mitotic cell cycle progression by promoting cell cycle exit. Modulates GMNN activity by reducing its affinity for CDT1 (PubMed:21543332, PubMed:24064211). {ECO:0000250 UniProtKB:Q08B36, ECO:0000269 PubMed:21543332, ECO:0000269 PubMed:24064211, ECO:0000269 PubMed:25048963}.
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Molecular Weight:	41.7 kDa
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UniProt:	D6RGH6
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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
