

Datasheet for ABIN7563350
CDKN1C Protein (AA 1-348) (His tag)



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Overview

Quantity:	1 mg
Target:	CDKN1C
Protein Characteristics:	AA 1-348
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN1C protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cdkn1c Protein expressed in mammalian cells.
Sequence:	<p>MGMSDVYLRs RTAMERLASS DTFPVIARSS ACRLFGPVD HEELGRELRM RLAEINAEDQ NRWDFNFQQD VPLRGPGRLQ WMEVDSESV AFYRETVQVG RCRLQLGPRP PPVAVAVIPR SGPPAGEAPD GLEEAPQPP SAPASAVVAE PTPPATPAPA SDLTSDPIPE VTLVATSDPT PDPIPDANPD VATRDGEEQV PEQVSEQGEE SGAEPGDELG TEPVSEQGEE QGAEPVEEKD EEPEEEQGAE PVEEQGAEPV EEQNGEPVEE QDENQEQRGQ ELKDQPLSGI PGRPAPGTAA ANANDFFAKR KRTAQENKAS NDVPPGCPSP NVAPGVGAVE QTPRKRLR Sequence without tag.</p> <p>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:	CDKN1C
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Alternative Name:	Cdkn1c (CDKN1C Products)
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Background:	Cyclin-dependent kinase inhibitor 1C (Cyclin-dependent kinase inhibitor p57) (p57Kip2),FUNCTION: Potent tight-binding inhibitor of several G1 cyclin/CDK complexes (cyclin E-CDK2, cyclin D2-CDK4, and cyclin A-CDK2) and, to lesser extent, of the mitotic cyclin B-CDC2. Negative regulator of cell proliferation. May play a role in maintenance of the non-proliferative state throughout life.
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Molecular Weight:	37.4 kDa
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UniProt:	P49919
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Pathways:	Cell Division Cycle , Dopaminergic Neurogenesis
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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.
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Application Details

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