

Datasheet for ABIN7553404
CDKN1C Protein (AA 1-316) (His tag)



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Overview

Quantity:	1 mg
Target:	CDKN1C
Protein Characteristics:	AA 1-316
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN1C protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CDKN1C Protein expressed in mammalian cells.
Sequence:	MSDASLRSTS TMERLVARGT FPVLVRTSAC RSLFGPVDHE ELSRELQARL AELNAEDQNR WDYDFQQDMP LRGPGRQLQWT EVDSDSVPAF YRETVQVGRC RLLAPRPVA VAVAVSPPLE PAAESLDGLE EAPEQLPSVP VPAPASTPPP VPVLAPAPAP APAPVAAPVA APVAVAVLAP APAPAPAPAP APAPVAAPAP APAPAPAPAP APAPAPDAAP QESAEQGANQ GQRGQEPLAD QLHSGISGRP AAGTAAASAN GAAIKKLSGP LISDFFAKRK RSAPEKSSGD VPAPCPSPSA APGVGSVEQT PRKRLR 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.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
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, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CDKN1C
Alternative Name:	CDKN1C (CDKN1C Products)
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.
Molecular Weight:	32.2 kDa
UniProt:	P49918
Pathways:	Cell Division Cycle , Dopaminergic Neurogenesis

Application Details

Application Notes:	We expect the protein to work for functional studies. 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