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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

CDKN1C (Human) Recombinant Protein

Catalog Number: P9612

Regulation Status: For research use only (RUO)

Product Description: Human CDKN1C (P42773, 1 a.a. - 168 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

Sequence:

MGSSHHHHHSSGLVPRGSHMGSHMAEPWGNELAS
AAARGDLEQLTSLLQNNVNVNAQNGFGRTALQVMKL
GNPEIARRLLLLRGANPDLKDRTGFAVIHDAARAGFLDT
LQTLLEFQADVNIEDNEGNLPLHLAAKEGHLRVVEFLV
KHTASNVGHRNHKGDACDLARLYGRNEVVSLMQAN
GAGGATNLQ

Host: *Escherichia coli*

Theoretical MW (kDa): 20.7

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product
page for detailed protocols

Form: Liquid

Preparation Method: *Escherichia coli* expression
system

Purity: > 95.0% by SDS-PAGE

Recommend Usage: Biological Activity

SDS-PAGE

The optimal working dilution should be determined by
the end user.

Storage Buffer: In 20mM Tris-HCl pH 8.0 (2 mM DTT,
200 mM NaCl and 10% glycerol)

Storage Instruction: Store at 2°C to 8°C for 1 week.

For long term storage, aliquot and store at -20°C to
-80°C.

Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 1031

Gene Symbol: CDKN2C

Gene Alias: INK4C, p18, p18-INK4C

Gene Summary: The protein encoded by this gene is a member of the INK4 family of cyclin-dependent kinase inhibitors. This protein has been shown to interact with CDK4 or CDK6, and prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls cell cycle G1 progression. Ectopic expression of this gene was shown to suppress the growth of human cells in a manner that appears to correlate with the presence of a wild-type RB1 function. Studies in the knockout mice suggested the roles of this gene in regulating spermatogenesis, as well as in suppressing tumorigenesis. Two alternatively spliced transcript variants of this gene, which encode an identical protein, have been reported. [provided by RefSeq]