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Datasheet for ABIN7318364 CDKN2C Protein (His tag)

Overview

Quantity:	50 µg
Target:	CDKN2C
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN2C protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human CDKN2C Protein (His Tag)
Sequence:	Met 1-Gln168
Characteristics:	Recombinant Human Cyclin-Dependent Kinase 4 Inhibitor C is produced by our E.coli expression system and the target gene encoding Met1-Gln168 is expressed with a 6His tag at the N-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	CDKN2C
Alternative Name:	CDKN2C (CDKN2C Products)
Background:	Background: Cyclin-Dependent Kinase 4 Inhibitor C (CDKN2C) is a member of the INK4 family of cyclin dependent kinase inhibitors. CDKN2C contains 4 ANK repeats and interacts with CDK4

Target Details

or CDK6. Highest levels of CDKN2C can be found in skeletal muscle, pancreas, and heart. CDKN2C inhibits cell growth and proliferation with a correlated dependence on endogenous retinoblastoma protein RB and prevent the activation of the CDK kinases. Studies have been shown the roles of CDKN2C gene in regulating spermatogenesis, as well as in suppressing tumorigenesis.

Synonym: Cyclin-Dependent Kinase 4 Inhibitor C, Cyclin-Dependent Kinase 6 Inhibitor, p18-INK4c, p18-INK6, CDKN2C, CDKN6

Molecular Weight:	20.3 kDa
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UniProt:	P42773
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Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases
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Application Details

Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
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Reconstitution:	Please refer to the printed manual for detailed information.
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Buffer:	Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 8.0.
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Storage:	4 °C,-20 °C,-80 °C
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Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
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