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CDKN2C Protein (Transcript Variant 1) (His tag)



Image

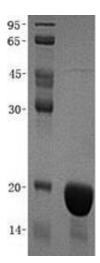


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Overview	
Quantity:	10 μg
Target:	CDKN2C
Protein Characteristics:	Transcript Variant 1
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN2C protein is labelled with His tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	 Recombinant human CDKN2C / p18INK4c (transcript variant 1) protein expressed in E. coli. Produced with end-sequenced ORF clone
Purity:	> 95 % as determined by SDS-PAGE and Coomassie blue staining
Endotoxin Level:	< 0.1 EU per µg protein as determined by LAL test
Target Details	
Target:	CDKN2C
Alternative Name:	Cdkn2c,p18ink4c (CDKN2C Products)
Background:	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.	
Molecular Weight:	20.3 kDa	
NCBI Accession:	NP_001253	
Pathways:	Cell Division Cycle, Mitotic G1-G1/S Phases	
Application Details		
Application Notes:	Recombinant human proteins can be used for: Native antigens for optimized antibody production Positive controls in ELISA and other antibody assays	
Comment:	The tag is located at the C-terminal.	
Restrictions:	For Research Use only	
Handling		
Buffer:	Lyophilized from a 0.2 µM filtered solution of 20 mM Phosphate buffer, 150 mM NaCl, pH 8.0. Stable for at least 3 months from receipt of products under proper storage and handling conditions.	
Storage:	-80 °C	
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.	



Western Blotting

Image 1. Validation with Western Blot