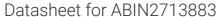
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CDKN2D Protein (Transcript Variant 1) (Myc-DYKDDDDK Tag)



Image



Go to Product page

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Overview		
Quantity:	20 μg	
Target:	CDKN2D	
Protein Characteristics:	Transcript Variant 1	
Origin:	Human	
Source:	HEK-293 Cells	
Protein Type:	Recombinant	
Purification tag / Conjugate:	This CDKN2D protein is labelled with Myc-DYKDDDDK Tag.	
Application:	Antibody Production (AbP), Standard (STD)	
Product Details		
Characteristics:	Recombinant human CDKN2D / p19INK4d (transcript variant 1) protein expressed in HEK293	
	cells. • Produced with end-sequenced ORF clone	
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining	
Target Details		
Target:	CDKN2D	
Alternative Name:	Cdkn2d,p19ink4d (CDKN2D 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 form a stable complex with CDK4 or CDK6, and	
	prevent the activation of the CDK kinases, thus function as a cell growth regulator that controls	

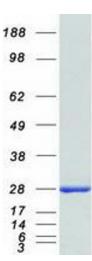
Target Details

Storage Comment:

rarget Details		
	cell cycle G1 progression. The abundance of the transcript of this gene was found to oscillate in a cell-cycle dependent manner with the lowest expression at mid G1 and a maximal expression during S phase. The negative regulation of the cell cycle involved in this protein was shown to participate in repressing neuronal proliferation, as well as spermatogenesis. Two alternatively spliced variants of this gene, which encode an identical protein, have been reported.	
Molecular Weight:	17.5 kDa	
NCBI Accession:	NP_001791	
Pathways:	Cell Division Cycle, Sensory Perception of Sound, Mitotic G1-G1/S Phases, Negative Regulation of intrinsic apoptotic Signaling	
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		
Concentration:	50 μg/mL	
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.	
Storage:	-80 °C	

immediately. Only 2-3 freeze thaw cycles are recommended.

Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze



Western Blotting

Image 1. Validation with Western Blot