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Datasheet for ABIN7553067
CDKN2B Protein (AA 1-138) (His tag)

Overview

Quantity:	1 mg
Target:	CDKN2B
Protein Characteristics:	AA 1-138
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CDKN2B protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat CDKN2B Protein expressed in mammalien cells.
Sequence:	MREENKGMPS GGSDEGLAS AAARGLVEKV RQLLEAGADP NGVNRFGRRR IQVMMMGSAR VAELLLLHGA EPNCADPATL TRPVHDAARE GFLDTLVVLH RAGARLDVRD AWGRLPVDLA EERGHDRVAG YLRTATGD 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.

Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalien 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).
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Product Details

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, Western Blot

Grade: custom-made

Target Details

Target: CDKN2B

Alternative Name: CDKN2B ([CDKN2B Products](#))

Background: Cyclin-dependent kinase 4 inhibitor B (Multiple tumor suppressor 2) (MTS-2) (p14-INK4b) (p15-INK4b) (p15INK4B),FUNCTION: Interacts strongly with CDK4 and CDK6. Potent inhibitor. Potential effector of TGF-beta induced cell cycle arrest.

Molecular Weight: 14.7 kDa

UniProt: [P42772](#)

Pathways: [Cell Division Cycle, Mitotic G1-G1/S Phases](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. 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

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months