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Datasheet for ABIN7282400

## CDKN2A Protein (AA 1-156) (His tag)

### 1 Image

#### Overview

|                               |                                               |
|-------------------------------|-----------------------------------------------|
| Quantity:                     | 200 µg                                        |
| Target:                       | CDKN2A                                        |
| Protein Characteristics:      | AA 1-156                                      |
| Origin:                       | Human                                         |
| Source:                       | Escherichia coli (E. coli)                    |
| Protein Type:                 | Recombinant                                   |
| Purification tag / Conjugate: | This CDKN2A protein is labelled with His tag. |
| Application:                  | Western Blotting (WB), ELISA                  |

#### Product Details

|            |                                            |
|------------|--------------------------------------------|
| Purity:    | Greater than 95 % by SDS-PAGE gel analyses |
| Sterility: | 0.2 µm filtered                            |

#### Target Details

|                   |                                                                                                                                                                                                                                                                   |
|-------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | CDKN2A                                                                                                                                                                                                                                                            |
| Alternative Name: | P16-INK4A ( <a href="#">CDKN2A Products</a> )                                                                                                                                                                                                                     |
| Background:       | Alternative reading frame, ARF, CDK4 inhibitor p16 INK4, CDK4I, CDKN2, cell cycle negative regulator beta, CMM2, cyclin dependent kinase 4 inhibitor A, cyclin dependent kinase inhibitor 2A, cyclin dependent kinase inhibitor 2A (melanoma, p16, inhibits CDK4) |
| Molecular Weight: | 18.4 kDa                                                                                                                                                                                                                                                          |

## Target Details

UniProt: [P42771](#)

Pathways: [Mitotic G1-G1/S Phases](#), [Stem Cell Maintenance](#), [Positive Regulation of Endopeptidase Activity](#), [Autophagy](#), [Positive Regulation of Response to DNA Damage Stimulus](#)

## Application Details

Application Notes: Optimal working dilution should be determined by the investigator.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial at 10,000 rpm for 1 minute, reconstitute at 200 µg/mL in sterile distilled water by gentle pipetting 2-3 times, don't vortex

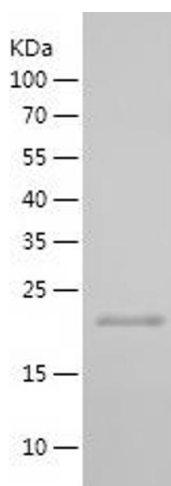
Buffer: Lyophilized from a 0.2 µm filtered solution in PBS with 5 % trehalose, pH 7.4

Storage: 4 °C, -20 °C

Storage Comment: -20°C for 12 months as lyophilized, 2-8°C for 1 month under sterile conditions after reconstitution

Expiry Date: 12 months

## Images



### Western Blotting

Image 1.