

# Human CDKN1A/CAP20/CDKN1/CIP1 (His tag) recombinant protein



Catalog Number: 519501

## General Information

### Gene Name Synonym

Cyclin-Dependent Kinase Inhibitor 1, CDK-Interacting Protein 1, Melanoma Differentiation-Associated Protein 6, MDA-6, p21, CDKN1A, CAP20, CDKN1, CIP1, MDA6, PIC1, SDI1, WAF1

### Protein Construction

A DNA sequence encoding the Human CDKN1A/CAP20/CDKN1/CIP1 Ser2-Pro164 is expressed with a 6His tag at the C-terminus.

### Organism

Human

### Expression Host

E. coli

## QC Testing

### Purity

>95% as determined by SDS-PAGE.

### Endotoxin

<1.0 EU per  $\mu\text{g}$  protein as determined by the LAL method.

### Stability

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

## Formulation

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of 20mM PB, 150mM NaCl, pH 7.2.

## Usage Guide

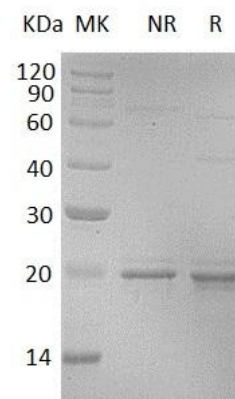
### Storage

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  for 2-7 days.

### Reconstitution

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100\ \mu\text{g}/\text{ml}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

## SDS-PAGE



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