



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Datasheet

### CDKN3 (Human) Recombinant Protein

**Catalog Number:** P9613

**Regulation Status:** For research use only (RUO)

**Product Description:** Human CDKN3 (Q16667, 1 a.a. - 212 a.a.) full recombinant protein with His tag at N-terminus expressed in *Escherichia coli*.

**Sequence:**

MGSSHHHHHSSGLVPRGSHMKPPSSIQTSEFDSSD  
EEPIEDEQTPIHISWLSLSRVNCSQFLGLCALPGCKFK  
DVRRNVQKDTEELKSCGIQDIFVFCTRGELSKYRVPNL  
LDLYQQCGIITHHHPIADGGTPDIASCCEIMEELTCLK  
NYRKTLIHCYGGGLGRSCLVAACLLLYLSDTISPEQAIDS  
LRDLRGSGAIQTIKQYNYLHEFRDKLAAHLSSRDSQSR  
SVSR

**Host:** *Escherichia coli*

**Theoretical MW (kDa):** 25.9

**Protocols:** See our web site at  
<http://www.abnova.com/support/protocols.asp> or product  
page for detailed protocols

**Form:** Liquid

**Preparation Method:** *Escherichia coli* expression  
system

**Purity:** > 90.0% by SDS-PAGE

**Recommend Usage:** Biological Activity  
SDS-PAGE  
The optimal working dilution should be determined by  
the end user.

**Storage Buffer:** In 20mM Tris-HCl pH 8.0 (1 mM DTT,  
0.1 M NaCl and 40% glycerol)

**Storage Instruction:** Store at 2°C to 8°C for 1 week.  
For long term storage, aliquot and store at -20°C to  
-80°C.  
Aliquot to avoid repeated freezing and thawing.

**Entrez GeneID:** 1033

**Gene Symbol:** CDKN3

**Gene Alias:** CDI1, CIP2, FLJ25787, KAP, KAP1,  
MGC70625

**Gene Summary:** The protein encoded by this gene belongs to the dual specificity protein phosphatase family. It was identified as a cyclin-dependent kinase inhibitor, and has been shown to interact with, and dephosphorylate CDK2 kinase, thus prevent the activation of CDK2 kinase. This gene was reported to be deleted, mutated, or overexpressed in several kinds of cancers. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]