Full-Length

CDKN3 (Human) Recombinant Protein

Catalog # P9613 Size 20 ug

Specification

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	MGSSHHHHHHSSGLVPRGSHMKPPSSIQTSEFDSSDEEPIEDEQTPIHISWLSLSRVNCSQFLGL CALPGCKFKDVRRNVQKDTEELKSCGIQDIFVFCTRGELSKYRVPNLLDLYQQCGIITHHHPIADGG TPDIASCCEIMEELTTCLKNYRKTLIHCYGGLGRSCLVAACLLLYLSDTISPEQAIDSLRDLRGSGAIQ TIKQYNYLHEFRDKLAAHLSSRDSQSRSVSR
Host	Escherichia coli
Theoretical MW (kDa)	25.9
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.

Applications

- SDS-PAGE

Gene Info — CDKN3

Copyright © 2023 Abnova Corporation. All Rights Reserved.

Entrez GeneID	1033
Protein Accession#	Q16667
Gene Name	CDKN3
Gene Alias	CDI1, CIP2, FLJ25787, KAP, KAP1, MGC70625
Gene Description	cyclin-dependent kinase inhibitor 3
Omim ID	123832
Gene Ontology	Hyperlink
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
Other Designations	CDK2-associated dual specificity phosphatase|Cdk-associated protein phosphatase|cyclin-dependent kinase interacting protein 2|cyclin-dependent kinase interactor 1|kinase-associated phosphatase

Disease

- Genetic Predisposition to Disease
- Narcolepsy

Copyright © 2023 Abnova Corporation. All Rights Reserved.