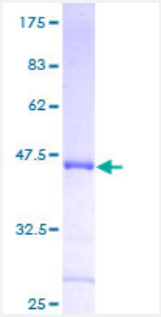
Full-Length

CDKN3 (Human) Recombinant Protein (P01)

Catalog # H00001033-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CDKN3 full-length ORF (AAH64965, 1 a.a. - 172 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MKPPSSIQTSCKFKDVRRNVQKDTEELKSCGIQDIFVFCTRGELSKYRVPNLLDLYQQCGIITHHHP IADGGTPDIASCCEIMEELTTCLKNYRKTLIHCYGGLGRSCLVAACLLLYLSDTISPEQAIDSLRDLR GSGAIQTIKQYNYLHEFRDKLAAHLSSRDSQSRSVSR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	44.44
Interspecies Antigen Sequence	Mouse (89)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CDKN3

Entrez GeneID	1033
GeneBank Accession#	BC064965
Protein Accession#	AAH64965
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