

## Recombinant Human CDKN3 Protein (1-212 aa), His-tagged

Cat. No. CDKN3-2236H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDKN3 Protein (1-212 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Biology. Protein Description: Full Length.
<b>Species</b>	Human
<b>Source</b>	Yeast
<b>ProteinLength</b>	1-212 aa
<b>Description</b>	May play a role in cell cycle regulation. Dual specificity phosphatase active toward substrates containing either phosphotyrosine or phosphoserine residues. Dephosphorylates CDK2 at 'Thr-160' in a cyclin-dependent manner.
<b>Form</b>	Tris-based buffer, 50% glycerol
<b>Molecular Mass</b>	25.8 kDa
<b>AA Sequence</b>	MKPPSSIQTSEFDSSDEEPIEDEQTPIHISWLSLSRVNCSQFLGLCALPGCKFKDVRR NVQKDTEELKSCGIQDIFVFCTRGELSKYRVPNLLDLYQQCGIITHHHPIADGGTPDIA SCCEIMEELTTCLKNYRKTLIHCYGGGLGRSCLVAACLLLYLSDTISPEQAIDSLRDLRG SGAIQTIKQYNYLHEFRDKLAAHLSSRDSQSRSVSR
<b>Purity</b>	> 85% as determined by SDS-PAGE.

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<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
<b>Concentration</b>	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

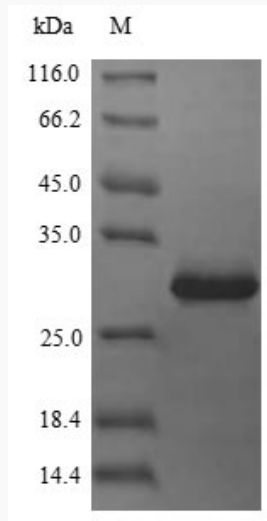
## GENE INFORMATION

<b>Gene Name</b>	CDKN3 cyclin-dependent kinase inhibitor 3 [ Homo sapiens ]
<b>Official Symbol</b>	CDKN3
<b>Synonyms</b>	CDKN3; CDI1; KAP; CIP2; KAP1; FLJ25787; MGC70625;
<b>Gene ID</b>	1033
<b>mRNA Refseq</b>	NM_001130851
<b>Protein Refseq</b>	NP_001124323
<b>MIM</b>	123832
<b>UniProt ID</b>	Q16667

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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