



# Recombinant Human Cyclin-dependent kinase inhibitor 3 (CDKN3)

<b>Product Code</b>	CSB-EP005096HU
<b>Abbreviation</b>	CDKN3
<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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q16667
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	≥85% (SDS-PAGE)
<b>Sequence</b>	MKPPSSIQTS EFDSSDEEPI EDEQTPIHIS WLSLSRVNCS QFLGLCALPG CKFKDVRRNV QKDTEELKSC GIQDIFVFCT RGELSKYRVP NLLDLYQQCG IITHHHPIAD GGTPDIASCC EIMEELTTCL KNYRKTLIHC YGGLGRSCLV AACLLLYLSD TISPEQAIDS LRDLRGSGAI QTIKQYNYLH EFRDKLAAHL SSRDSQSRSV SR
<b>Source</b>	E.coli
<b>Target Names</b>	CDKN3
<b>Protein Names</b>	Recommended name: Cyclin-dependent kinase inhibitor 3 EC= 3.1.3.16 EC= 3.1.3.48 Alternative name(s): CDK2-associated dual-specificity phosphatase Cyclin-dependent kinase interactor 1 Cyclin-dependent kinase-interacting protei
<b>Expression Region</b>	1-212
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.



## Shelf Life

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