

## Recombinant Human CDKN3, GST-tagged

Cat. No. CDKN3-11065H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CDKN3 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-172a.a.
<b>Description</b>	This gene encodes a protein that is one of the components of the Mediator coactivator complex. The Mediator complex is a multiprotein complex required for transcriptional activation by DNA binding transcription factors of genes transcribed by RNA polymerase II. The protein encoded by this gene is similar to cyclin-dependent kinase 8 which can also be a component of the Mediator complex.
<b>Source</b>	E.coli
<b>Species</b>	Human
<b>Tag</b>	GST
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 100mM

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GSH and 1% Triton X-100,15%glycerol.

## GENE INFORMATION

**Gene Name** [CDKN3 cyclin-dependent kinase inhibitor 3 \[ Homo sapiens \]](#)

**Official Symbol** CDKN3

**Synonyms**

CDKN3; cyclin-dependent kinase inhibitor 3; CDI1; CDK2 associated dual specificity phosphatase; cyclin dependent kinase inhibitor; KAP; kinase associated phosphatase; kinase-associated phosphatase; Cdk-associated protein phosphatase; cyclin-dependent kinase interactor 1; CDK2-associated dual specificity phosphatase; CDK2-associated dual-specificity phosphatase; cyclin-dependent kinase interacting protein 2; cyclin-dependent kinase-interacting protein 2; CIP2; KAP1; FLJ25787; MGC70625;

**Gene ID** [1033](#)

**mRNA Refseq** [NM\\_001130851](#)

**Protein Refseq** [NP\\_001124323](#)

**MIM** [123832](#)

**UniProt ID** [Q16667](#)

**Chromosome Location** 14q22

**Function**

hydrolase activity; protein binding; protein serine/threonine phosphatase activity; protein tyrosine phosphatase activity; protein tyrosine/serine/threonine phosphatase

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activity;

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