

Resource Summary Report

Generated by [NIF](#) on Jul 29, 2026

pDB1 (CK2alpha)

RRID:Addgene_27083

Type: Plasmid

Proper Citation

RRID:Addgene_27083

Plasmid Information

URL: <http://www.addgene.org/27083>

Proper Citation: RRID:Addgene_27083

Insert Name: CK2alpha

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:21036246](#)

Vector Backbone Description: Backbone Marker:GE Healthcare Life Sciences;
Backbone Size:4952; Vector Backbone:pGEX-3X; Vector Types:Bacterial Expression;
Bacterial Resistance:Ampicillin

Plasmid Name: pDB1 (CK2alpha)

Record Creation Time: 20220422T222121+0000

Record Last Update: 20260725T074514+0000

Ratings and Alerts

No rating or validation information has been found for pDB1 (CK2alpha).

No alerts have been found for pDB1 (CK2alpha).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 7 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Mudaliar D, et al. (2024) Identification of CK2?' selective inhibitors by the screening of an allosteric-kinase-inhibitor-like compound library. *bioRxiv : the preprint server for biology*.

Chojnowski JE, et al. (2022) Copper Modulates the Catalytic Activity of Protein Kinase CK2. *Frontiers in molecular biosciences*, 9, 878652.

Werner A, et al. (2018) Multisite dependency of an E3 ligase controls monoubiquitylation-dependent cell fate decisions. *eLife*, 7.

Ecsédi P, et al. (2018) Multiple S100 protein isoforms and C-terminal phosphorylation contribute to the paralog-selective regulation of nonmuscle myosin 2 filaments. *The Journal of biological chemistry*, 293(38), 14850.

Gomez-Pastor R, et al. (2017) Abnormal degradation of the neuronal stress-protective transcription factor HSF1 in Huntington's disease. *Nature communications*, 8, 14405.

Liu W, et al. (2015) Phosphorylated and unphosphorylated serine 13 of CDC37 stabilize distinct interactions between its client and HSP90 binding domains. *Biochemistry*, 54(7), 1493.

van Tiel CM, et al. (2012) Dual function of Pin1 in NR4A nuclear receptor activation: enhanced activity of NR4As and increased Nur77 protein stability. *Biochimica et biophysica acta*, 1823(10), 1894.