

Resource Summary Report

Generated by [SPARC SAWG](#) on Sep 3, 2026

hu DNA-PKcs

RRID:Addgene_83317

Type: Plasmid

Proper Citation

RRID:Addgene_83317

Plasmid Information

URL: <http://www.addgene.org/83317>

Proper Citation: RRID:Addgene_83317

Insert Name: human DNA-PKcs

Organism: Homo sapiens

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:16314509](#)

Vector Backbone Description: Backbone Size:4665; Vector Backbone:pcmv6; Vector Types:Mammalian Expression; Bacterial Resistance:Ampicillin

Plasmid Name: hu DNA-PKcs

Relevant Mutation: wild type

Record Creation Time: 20220422T222539+0000

Record Last Update: 20260829T081151+0000

Ratings and Alerts

No rating or validation information has been found for hu DNA-PKcs.

No alerts have been found for hu DNA-PKcs.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 3 mentions in open access literature.

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

Dhara A, et al. (2025) Enhanced ETS1 stability by DNAPKcs orchestrates transcriptional changes during chemoresistance in triple negative breast cancer. NPJ breast cancer, 11(1), 114.

Pradhan S, et al. (2024) Chromatin remodeler BRG1 recruits huntingtin to repair DNA double-strand breaks in neurons. bioRxiv : the preprint server for biology.

Li S, et al. (2024) Kaposi's sarcoma herpesvirus exploits the DNA damage response to circularize its genome. Nucleic acids research, 52(4), 1814.