

Resource Summary Report

Generated by [nidm-terms](#) on Aug 29, 2026

pT7-EGFP-C1-HsDCP1a

RRID:Addgene_25030

Type: Plasmid

Proper Citation

RRID:Addgene_25030

Plasmid Information

URL: <http://www.addgene.org/25030>

Proper Citation: RRID:Addgene_25030

Insert Name: DCP1a

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:19966221](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4769; Vector Backbone:pEGFP-C1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Plasmid Name: pT7-EGFP-C1-HsDCP1a

Record Creation Time: 20220422T222111+0000

Record Last Update: 20260829T080235+0000

Ratings and Alerts

No rating or validation information has been found for pT7-EGFP-C1-HsDCP1a.

No alerts have been found for pT7-EGFP-C1-HsDCP1a.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 9 mentions in open access literature.

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

Chen TW, et al. (2024) Human DCP1 is crucial for mRNA decapping and possesses paralog-specific gene regulating functions. *eLife*, 13.

Vural A, et al. (2024) Properties of biomolecular condensates defined by Activator of G-protein Signaling 3. *Journal of cell science*, 137(4).

Robinson CA, et al. (2023) Kaposi's sarcoma-associated herpesvirus (KSHV) utilizes the NDP52/CALCOCO2 selective autophagy receptor to disassemble processing bodies. *PLoS pathogens*, 19(1), e1011080.

Cialek CA, et al. (2022) Imaging translational control by Argonaute with single-molecule resolution in live cells. *Nature communications*, 13(1), 3345.

Kedia S, et al. (2022) Ubiquitination and deubiquitination of 4E-T regulate neural progenitor cell maintenance and neurogenesis by controlling P-body formation. *Cell reports*, 40(2), 111070.

Ibayashi M, et al. (2021) mRNA decapping factor Dcp1a is essential for embryonic growth in mice. *Biochemical and biophysical research communications*, 555, 128.

Bearss JJ, et al. (2021) EDC3 phosphorylation regulates growth and invasion through controlling P-body formation and dynamics. *EMBO reports*, 22(4), e50835.

Huang JH, et al. (2017) Dual mechanisms regulate the nucleocytoplasmic localization of human DDX6. *Scientific reports*, 7, 42853.

Hardy SD, et al. (2017) Regulation of epithelial-mesenchymal transition and metastasis by TGF- β , P-bodies, and autophagy. *Oncotarget*, 8(61), 103302.