

Resource Summary Report

Generated by [RRID](#) on Aug 17, 2026

pEGFP.N1-HDAC6.DC (catalytic deficient)

RRID:Addgene_36189

Type: Plasmid

Proper Citation

RRID:Addgene_36189

Plasmid Information

URL: <http://www.addgene.org/36189>

Proper Citation: RRID:Addgene_36189

Insert Name: HDAC6.DC

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:20133936](#)

Vector Backbone Description: Backbone Marker:Clontech; Backbone Size:4700; Vector Backbone:pEGFP-N1; Vector Types:Mammalian Expression; Bacterial Resistance:Kanamycin

Comments: Additional Reference: Gao etal "Histone Deacetylase 6 Regulates Growth Factor-Induced Actin Remodeling and Endocytosis" MOLECULAR AND CELLULAR BIOLOGY, Dec. 2007, p. 8637–8647

Plasmid Name: pEGFP.N1-HDAC6.DC (catalytic deficient)

Relevant Mutation: H216/611A

Record Creation Time: 20220422T222154+0000

Record Last Update: 20260815T081408+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP.N1-HDAC6.DC (catalytic deficient).

No alerts have been found for pEGFP.N1-HDAC6.DC (catalytic deficient).

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We found 4 mentions in open access literature.

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

Iegiani G, et al. (2025) CITK modulates BRCA1 recruitment at DNA double strand breaks sites through HDAC6. Cell death & disease, 16(1), 320.

Chiu YH, et al. (2021) Deacetylation as a receptor-regulated direct activation switch for pannexin channels. Nature communications, 12(1), 4482.

Gopalan J, et al. (2021) Targeting an anchored phosphatase-deacetylase unit restores renal ciliary homeostasis. eLife, 10.

Liu J, et al. (2018) HDAC6 interacts with PTPN1 to enhance melanoma cells progression. Biochemical and biophysical research communications, 495(4), 2630.