

Resource Summary Report

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

pEGFP-HDAC4

RRID:Addgene_45636

Type: Plasmid

Proper Citation

RRID:Addgene_45636

Plasmid Information

URL: <http://www.addgene.org/45636>

Proper Citation: RRID:Addgene_45636

Insert Name: HDAC4

Organism: Homo sapiens

Bacterial Resistance: Kanamycin

Defining Citation: [PMID:17873280](#)

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

Plasmid Name: pEGFP-HDAC4

Record Creation Time: 20220422T222236+0000

Record Last Update: 20260815T081525+0000

Ratings and Alerts

No rating or validation information has been found for pEGFP-HDAC4.

No alerts have been found for pEGFP-HDAC4.

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](#) .

Zeng Y, et al. (2022) MARK2 regulates chemotherapeutic responses through class IIa HDAC-YAP axis in pancreatic cancer. *Oncogene*, 41(31), 3859.

Fan Q, et al. (2021) A Novel ZIP4-HDAC4-VEGFA Axis in High-Grade Serous Ovarian Cancer. *Cancers*, 13(15).

Abend A, et al. (2017) Salt-inducible kinase induces cytoplasmic histone deacetylase 4 to promote vascular calcification. *EMBO reports*, 18(7), 1166.

Lee HA, et al. (2015) Histone Deacetylase 3 and 4 Complex Stimulates the Transcriptional Activity of the Mineralocorticoid Receptor. *PloS one*, 10(8), e0136801.